

Datasheet for ABIN7549695

## NEURL1B Protein (AA 1-555) (His tag)



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### Overview

|                               |                                                |
|-------------------------------|------------------------------------------------|
| Quantity:                     | 1 mg                                           |
| Target:                       | NEURL1B                                        |
| Protein Characteristics:      | AA 1-555                                       |
| Origin:                       | Human                                          |
| Source:                       | HEK-293 Cells                                  |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This NEURL1B protein is labelled with His tag. |

### Product Details

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| Purpose:  | Custom-made recombinant NEURL1B Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence: | <p>MGNTVHRTL DPSPPARLLA TRPCCGPGPE RRPVLGEAPR FHAQAKGKNV RLDGHSRRAT</p> <p>RRNSFCNGVT FTQRPRLYE QVRLRLVAVR PGWSGALRFG FTAHDPSLMS AQDIPKYACP</p> <p>DLVTRPGYWA KALPENLALR DTVLAYWADR HGRVFYSVND GEPVLFHCGV AVGGPLWALI</p> <p>DVYGITDEVQ LLESADFADTL TPARLSQARF SACLPSSHD AANFDNNELE NNQVVAKLGH</p> <p>LALGRAPGPP PADAAAAAIP CGPRERPRPA SSPALLEADL RFHATRGPDV SLSADRKVAC</p> <p>APRPDGGRTL VFSEPLRPG ESLFVEVGRP GLAAPGALAF GITSCDPGVL RPNELPADPD</p> <p>ALLDRKEYWV VARAGPVPSG GDALSFTLRP GGDVLLGING RPRGRLLCVD TTQALWAFFA</p> <p>VRGGVAGQLR LLGTLQSSPA TTPSGSLSG SQDDSDSDMT FSVNQSSAS ESSLVTAPSS</p> <p>PLSPPVSPVF SPPEPAGIKN GECTVCFDGE VDTVIYTCGH MCLCHSCGLR LKRQARACCP</p> <p>ICRRPIKDVI KIYRP <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p> |

## Product Details

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| Specificity:     | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p> |
| Purity:          | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Grade:           | custom-made                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | NEURL1B                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Name: | NEURL1B ( <a href="#">NEURL1B Products</a> )                                                                                                                                                                                                                                                                                                                                |
| Background:       | E3 ubiquitin-protein ligase NEURL1B (EC 2.3.2.27) (Neuralized-2) (NEUR2) (Neuralized-like protein 1B) (Neuralized-like protein 3) (RING-type E3 ubiquitin transferase NEURL1B),FUNCTION: E3 ubiquitin-protein ligase involved in regulation of the Notch pathway through influencing the stability and activity of several Notch ligands.<br>{ECO:0000269 PubMed:19723503}. |
| Molecular Weight: | 59.3 kDa                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt:          | <a href="#">A8MQ27</a>                                                                                                                                                                                                                                                                                                                                                      |
| Pathways:         | <a href="#">Notch Signaling</a>                                                                                                                                                                                                                                                                                                                                             |

## Application Details

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|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
| Restrictions:      | For Research Use only                                                                                                                                   |

## Handling

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Format:          | Liquid                                                           |
| Buffer:          | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles.                               |
| Storage:         | -80 °C                                                           |
| Storage Comment: | Store at -80°C.                                                  |
| Expiry Date:     | 12 months                                                        |