

Datasheet for ABIN7556939

NEURL1B Protein (AA 1-546) (His tag)



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Overview

Quantity:	1 mg
Target:	NEURL1B
Protein Characteristics:	AA 1-546
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEURL1B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Neurl1b Protein expressed in mammalian cells.
Sequence:	<p>MGNTVHRTLTP DSSPPARLLA TRPCYGPGE RRAVLGEAPR FHAQAKGKNV RLDGHSRRAT</p> <p>RRNSFCNGVT FTQRPRLYE QVRLRLVAVR PGWSGALRFG FTAHDPPLMS AQDIPKYACP</p> <p>DLVTRPGYWA KALPENLALR DTVLAYWADR HGRVFYSVND GEPVLFHCGV AVGGPLWALI</p> <p>DVYGITDEVQ LLESTFADTL TPLRLGQARL SACPPPGSHD AANFDNNELE NNQVVAKLGH</p> <p>LALGRPDAAV PCVARERPRP ASSPALLDAE LRFHATRGPD VLSADRRLA CAPRPDGGRT</p> <p>LVFSERPLRP GESLCVEVGR PGLAAPAAVA FGITSCDPGA LRPSELPADP AALLDRKEYW</p> <p>VVARAGPVPS GGDALSFTLR PGGDVLLAVN GRPRGRLLCV DTSQALWAFF AVRGGVAGQL</p> <p>RLLGTLQSSS ETMTPSGSFS GSQDDSDSDM TFGVNQSSSA SESSLVTAPS SPLSPPVSPA</p> <p>FSAPPTGSR NGECTVCFDS EVDTVIYTCG HMCLCHGCGL RLRRQARACC PICRRPIKDV IKIYRP</p> <p>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.</p>

In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

NEURL1B

Alternative Name:

Neur1b ([NEURL1B Products](#))

Background:

E3 ubiquitin-protein ligase NEURL1B (EC 2.3.2.27) (Neuralized-2) (NEUR2) (Neuralized-like protein 1B) (Neuralized-like protein 2) (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. {ECO:0000269|PubMed:17003037, ECO:0000269|PubMed:19723503}.

Molecular Weight:

58.5 kDa

UniProt:

[Q0MW30](#)

Pathways:

[Notch Signaling](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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