

Datasheet for ABIN7546616

Clarin 1 Protein (CLRN1) (AA 1-232) (His tag)



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Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | Clarin 1 (CLRN1) |
| Protein Characteristics: | AA 1-232 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Clarin 1 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant CLRN1 Protein expressed in mammalian cells. |
| Sequence: | MPSQQKKIIF CMAGVFSFAC ALGVVTALGT PLWIKATVLC KTGALLVNAS GQELDKFMGE MQYGLFHGEG VRQCGLGARP FRFSFFDLL KAIPVSIHVN VILFSAILIV LTMVGTAFFM YNAFGKPFET LHGPLGLYLL SFISGSCGCL VMILFASEVK IHHLSEKIAN YKEGTYVYKT QSEKYTTFSW VIFFCFFVHF LNGLLIRLAG FQFPFAKSKD AETTNAADL MY 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. |
| 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: | Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts. |

Product Details

- 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.

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| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade: | custom-made |

Target Details

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| Target: | Clarin 1 (CLRN1) |
| Alternative Name: | CLRN1 (CLRN1 Products) |
| Background: | Clarin-1 (Usher syndrome type-3 protein),FUNCTION: May have a role in the excitatory ribbon synapse junctions between hair cells and cochlear ganglion cells and presumably also in analogous synapses within the retina. {ECO:0000269 PubMed:12080385}. |
| Molecular Weight: | 25.7 kDa |
| UniProt: | P58418 |

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

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| Format: | Liquid |
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Handling

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