

Datasheet for ABIN7559782

ARL6IP5 Protein (AA 1-188) (His tag)



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Overview

Quantity:	1 mg
Target:	ARL6IP5 (Arl6ip5)
Protein Characteristics:	AA 1-188
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARL6IP5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Arl6ip5 Protein expressed in mammalian cells.
Sequence:	<p>MDVNLAPLRA WDDFFPGSDR FARPDFRDIS KWNNRVVSNL LYYQTNYLVV AAMMISVVGFLSPFNMILGG VIVVLVFMGF VWAAHNKDIL RRMKKQYPTA FVMVVMLASY FLISMFGGVMVFVFGITLPL LLMFIHASLR LRNLKNKLEN KMEGIGLKKT PMGIILDALE QQEDNINKFA DYISKARE</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. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • 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.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	ARL6IP5 (Arl6ip5)
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Alternative Name:	Arl6ip5 (Arl6ip5 Products)
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Background:	PRA1 family protein 3 (ADP-ribosylation factor-like protein 6-interacting protein 5) (ARL-6-interacting protein 5) (Aip-5) (Addicisin) (GTRAP3-18) (Glutamate transporter EAAC1-interacting protein) (Prenylated Rab acceptor protein 2) (Protein JWa),FUNCTION: Regulates intracellular concentrations of taurine and glutamate (By similarity). Negatively modulates SLC1A1/EAAC1 glutamate transport activity by decreasing its affinity for glutamate in a PKC activity-dependent manner (PubMed:12119102, PubMed:18684713). Plays a role in the retention of SLC1A1/EAAC1 in the endoplasmic reticulum (By similarity). {ECO:0000250 UniProtKB:Q9ES40, ECO:0000269 PubMed:12119102, ECO:0000269 PubMed:18684713}.
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Molecular Weight:	21.6 kDa
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UniProt:	Q8R5J9
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Pathways:	Dicarboxylic Acid Transport
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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.
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Application Details

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