

Datasheet for ABIN7557563
LHFPL4 Protein (AA 1-247) (His tag)



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Overview

Quantity:	1 mg
Target:	LHFPL4
Protein Characteristics:	AA 1-247
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LHFPL4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Lhfpl4 Protein expressed in mammalian cells.
Sequence:	MLPSQEASKL YHEHYMRNSR AIGVLWAIFT ICFAIINVVV FIQPYWVGDS VSTPKPGYFG LFHYCVGSG LAGRELTGRGS FTDFSTIPSS AFKAAFFVL LSMVLILGCI TCFALFFFCN TATVYKICAW MQLLAALCLV LGCMIFPDGW DAETIRDMCG AKTGKYS LGD CSVRWAYILA IIGILNALIL SFLAFVLG NR QTDLLQEELK QENKDFVGT T VSSVLRPGGD VSGWGVLP CP VAHTQGP 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.

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

Target Details

Target:	LHFPL4
Alternative Name:	Lhfp14 (LHFPL4 Products)
Background:	LHFPL tetraspan subfamily member 4 protein (GABAA receptor regulatory Lhfp14) (Lipoma HMGIC fusion partner-like 4 protein),FUNCTION: Plays a role in the regulation of inhibitory synapse formation and function by being involved in maintaining gamma-aminobutyric acid receptors (GABAARs) clustering and their associated scaffold proteins at inhibitory synaptic sites (PubMed:28978485, PubMed:28279354, PubMed:29742426). Acts in concert with NLGN2 to recruit or stabilize GABAARs (PubMed:29742426). {ECO:0000269 PubMed:28279354, ECO:0000269 PubMed:28978485, ECO:0000269 PubMed:29742426}.
Molecular Weight:	27.1 kDa
UniProt:	Q5U4E0

Application Details

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