

Datasheet for ABIN7557386

LHFPL5 Protein (AA 1-219) (His tag)



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Overview

Quantity:	1 mg
Target:	LHFPL5
Protein Characteristics:	AA 1-219
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LHFPL5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Lhfpl5 Protein expressed in mammalian cells.
Sequence:	<p>MVKLLPAQEA AKIYHTNYVR NSRAVGVMWG TLTICFSVLV MALFIQPYWI GDSVSTPQAG</p> <p>YFGLFSYCVG NVLSSELICK GGPLDFSSIP SRAFKTAMFF VALAMFLIIG SIICFSLFFV</p> <p>CNTATVYKIC AWMQLAAATG LMIGCLVYPD GWDSESEVRRM CGEQTGKYTL GHCTIRWAFM</p> <p>LAILSIGDAL ILSFLAFVLG YRQDKLLPDD YKADGNEEV 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>
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"> 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:	LHFPL5
Alternative Name:	Lhfp15 (LHFPL5 Products)
Background:	LHFPL tetraspan subfamily member 5 protein (Lipoma HMGIC fusion partner-like 5 protein) (Tetraspan membrane protein of hair cell stereocilia),FUNCTION: In the inner ear, may be a component of the hair cell's mechanotransduction machinery that functionally couples PCDH15 to the transduction channel. Regulates transducer channel conductance and is required for fast channel adaptation. {ECO:0000269 PubMed:15905332, ECO:0000269 PubMed:23217710}.
Molecular Weight:	24.2 kDa
UniProt:	Q4KL25
Pathways:	Sensory Perception of Sound

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.
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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