

Datasheet for ABIN7561361

PLSCR2 Protein (AA 1-307) (His tag)



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Overview

Quantity:	1 mg
Target:	PLSCR2
Protein Characteristics:	AA 1-307
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLSCR2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Plscr2 Protein expressed in mammalian cells.
Sequence:	<p>MEAPRSGTYL PAGYAPQYPP AAVQGPPEHT GRPTFQTNQY VPQSGYPGPQ ASYTVSTSGH</p> <p>EGYAATRLPI QNNQTIVLAN TQWMPAPPPI LNCPPGLEYL NQIDQLLIHQ QVELLEVLTG</p> <p>FETNNKFEIK NSLGQMYYVA VEDTDCCTRN CCEASRPFTL RILDHLGQEV MTLERPLKCS</p> <p>SCCFPCCLQE IEIQAPPGVP IGYVTQTWHP CLPKLTLQND KRENVLKVVG PCVACTCCSD</p> <p>IDFEIKSLDE VTRIGKITKQ WSGCVKEAFT DSDNFGIQFP LDLEVKMKAV TLGACFLIDY MFEGCE</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> <p>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:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	PLSCR2
Alternative Name:	Plscr2 (PLSCR2 Products)
Background:	Phospholipid scramblase 2 (PL scramblase 2) (Ca(2+)-dependent phospholipid scramblase 2),FUNCTION: May mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions that results in a loss of phospholipid asymmetry in the plasma membrane. May play a central role in the initiation of fibrin clot formation, in the activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system.
Molecular Weight:	34.1 kDa
UniProt:	Q9DCW2
Pathways:	Cellular Response to Molecule of Bacterial Origin

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