

Datasheet for ABIN7545873
S1PR4 Protein (AA 1-384) (His tag)



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Overview

Quantity:	1 mg
Target:	S1PR4
Protein Characteristics:	AA 1-384
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This S1PR4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant S1PR4 Protein expressed in mammalian cells.
Sequence:	<p>MNATGTPVAP ESCQQLAAGG HSRLIVLHYN HSGRLAGRGG PEDGGLGALR GLSVAASCLV VLENLLVLAA ITSHMRSRRW VYYCLVNITL SDLLTGAAYL ANVLLSGART FRLAPAQWFL REGLLFTALA ASTFSLLFTA GERFATMVRP VAESGATKTS RVYGFILCW LLAALLGMLP LLGWNCLCAF DRCSSLLPLY SKRYILFCLV IFAGVLATIM GLYGAIIRLV QASGQKAPRP AARRKARRLL KTVLMILLAF LVCWGPLFGL LLADVFGSNL WAQEYLRGMD WILALAVLNS AVNPIIYSFR SREVCRAVLS FLCCGCLRLG MRGPGDCLAR AVEAHSGAST TDSSLRPRDS FRGSRSLFR MREPLSSISS VRSI 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:	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:	S1PR4
Alternative Name:	S1PR4 (S1PR4 Products)
Background:	Sphingosine 1-phosphate receptor 4 (S1P receptor 4) (S1P4) (Endothelial differentiation G-protein coupled receptor 6) (Sphingosine 1-phosphate receptor Edg-6) (S1P receptor Edg-6),FUNCTION: Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. May be involved in cell migration processes that are specific for lymphocytes. {ECO:0000269 PubMed:10679247, ECO:0000269 PubMed:10753843}.
Molecular Weight:	41.6 kDa
UniProt:	O95977

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