

Datasheet for ABIN7545874

S1PR5 Protein (AA 1-398) (His tag)



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Overview

Quantity:	1 mg
Target:	S1PR5
Protein Characteristics:	AA 1-398
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This S1PR5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant S1PR5 Protein expressed in mammalian cells.
Sequence:	<p>MESGLLRPAP VSEVIVLHYN YTGKLRGARY QPGAGLRADA VVCLAVCAFI VLENLAVLLV LGRHPRFHAP MFLLLGSLTL SDLLAGAAYA ANILLSGPLT LKLSPALWFA REGGVFVALT ASVLSLLAIA LERSLTMARR GPAPVSSRGR TLAMAAAAGW VSLLLGLLPA LGWNCLGRLD ACSTVLPLYA KAYVLCVLA FVGILAAICA LYARIYCQVR ANARRLPARP GTAGTTSTRA RRKPRSLALL RTLSVLLAF VACWGPLFLL LLLDVACPAR TCPVLLQADP FLGLAMANS� LNPIIYTLTN RDLRHALLRL VCCGRHSCGR DPSGSQQSAS AAEASGGLRR CLPPGLDGSE SGSERSSPQR DGLDTSGSTG SPGAPTAART LVSEPAAD 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.

Product Details

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.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	S1PR5
Alternative Name:	S1PR5 (S1PR5 Products)
Background:	<p>Sphingosine 1-phosphate receptor 5 (S1P receptor 5) (S1P5) (Endothelial differentiation G-protein-coupled receptor 8) (Sphingosine 1-phosphate receptor Edg-8) (S1P receptor Edg-8),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. Is coupled to both the G(i/o)alpha and G(12) subclass of heteromeric G-proteins (By similarity). May play a regulatory role in the transformation of radial glial cells into astrocytes and may affect proliferative activity of these cells. {ECO:0000250}.</p>
Molecular Weight:	41.8 kDa
UniProt:	Q9H228

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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