

Datasheet for ABIN7555324

SEC14L1 Protein (AA 1-715) (His tag)



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Overview

Quantity:	1 mg
Target:	SEC14L1
Protein Characteristics:	AA 1-715
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEC14L1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SEC14L1 Protein expressed in mammalian cells.
Sequence:	<p>MVQKYQSPVR VYKYPFELIM AAYERRFPTC PLIPMFVGSD TVNEFKSEDG AIHVIERRCK</p> <p>LDVDAPRLK KIAGVDYVYF VQKNSLNSRE RTLHIEAYNE TFSNRVIINE HCCYTVHPEN</p> <p>EDWTCFEQSA SLDIKSFFGF ESTVEKIAMK QYTSNIKKGK EIIEYYLRQL EEEGITFVPR</p> <p>WSPPSITTSS ETSSSSSKKQ AASMAVVIPE AALKEGLSGD ALSSPSAEP VVGTPDDKLD</p> <p>ADYIKRYLGD LTPLQESCLI RLRQWLQETH KGKIPKDEHI LRFLRARDFN IDKAREIMCQ</p> <p>SLTWRKQHQQV DYILETWTPP QVLQDYYAGG WHHHDKDGPR LYVLRLGQMD TKGLVRALGE</p> <p>EALLRYVLSI NEEGLRRCEE NTKVFGRPIS SWTCLVDLEG LNMRLWRPG VKALLRIIEV</p> <p>VEANYPETLG RLLILRAPRV FVLWTLVSP FIDNTRRK F LIYAGNDYQG PGGLLDYIDK</p> <p>EIIPDFLSGE CMCEVPEGGL VPKSLYRTAE ELENEDLKLW TETIYQSASV FKGAPHEILI</p> <p>QIVDASSVIT WDFDVCKGDI VFNIYHSKRS PQPPKKDSL G AHSITSPGGN NVQLIDKVVQ</p> <p>LGRDYSMVES PLICKEGESV QGSHVTRWPG FYILQWKFHS MPACAASSLP RVDDVLASLQ</p> <p>VSSHKCKVMY YTEVIGSEDF RGSMTSLESS HSGFSQLSAA TTSSSQSHSS SMISR Sequence</p>

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:

- 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: SEC14L1

Alternative Name: SEC14L1 ([SEC14L1 Products](#))

Background: SEC14-like protein 1,FUNCTION: May play a role in innate immunity by inhibiting the antiviral RIG-I signaling pathway. In this pathway, functions as a negative regulator of RIGI, the cytoplasmic sensor of viral nucleic acids. Prevents the interaction of RIGI with MAVS/IPS1, an important step in signal propagation (PubMed:23843640). May also regulate the SLC18A3 and SLC5A7 cholinergic transporters (PubMed:17092608). {ECO:0000269|PubMed:17092608, ECO:0000269|PubMed:23843640}.

Molecular Weight: 81.3 kDa

Target Details

UniProt: [Q92503](#)

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