

Datasheet for ABIN7545857

SCAMP5 Protein (AA 1-235) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SCAMP5
Protein Characteristics:	AA 1-235
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCAMP5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SCAMP5 Protein expressed in mammalian cells.
Sequence:	<p>MAEKVNNFPP LPKFIPLKPC FYQDFEADIP PQHVSMTKRL YYLWMLNSVT LAVNLVGCLA WLIGGGGATN FGLAFLWLIL FTPCSYVCWF RPIYKAFKTD SSFSFMAFFF TFMAQLVISI IQAVGIPGWG VCGWIATISF FGTNIGSAVV MLIPTVMFTV MAVFSFIALS MVHKFYRGSG GSFSKAQEEW TTGAWKNPHV QQAAQNAAMG AAQGAMNQPQ TQYSATPNYT YSNEM</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. 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:	SCAMP5
Alternative Name:	SCAMP5 (SCAMP5 Products)
Background:	Secretory carrier-associated membrane protein 5 (Secretory carrier membrane protein 5) (hSCAMP5),FUNCTION: Required for the calcium-dependent exocytosis of signal sequence-containing cytokines such as CCL5. Probably acts in cooperation with the SNARE machinery. May play a role in accumulation of expanded polyglutamine (polyQ) protein huntingtin (HTT) in case of endoplasmic reticulum stress by inhibiting the endocytosis pathway. {ECO:0000269 PubMed:19234194}.
Molecular Weight:	26.1 kDa
UniProt:	Q8TAC9

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