

Datasheet for ABIN7560006

SMAP1 Protein (AA 1-440) (His tag)



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Overview

Quantity:	1 mg
Target:	SMAP1
Protein Characteristics:	AA 1-440
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMAP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Smap1 Protein expressed in mammalian cells.
Sequence:	<p>MATRSCREKA QKLNEQHQLI LSKLLREEDN KYCADCEAKG PRWASWNIGV FICIRCAGIH</p> <p>RNLGVHISRV KSVNLDQWTP EQIQCMQDMG NTKARLLYEA NLPENFRRPQ TDQAVEFFIR</p> <p>DKYEKKKYD KNAIAITNKE KEKKKDEKKR EKEPEKPAKP LTTEKLPKKE EQQLEPKKST</p> <p>SPKNAAEPTI DLLGLDGPAE APVTNGNPAT APALSDDLDI FGPMISNPLP AAVMPPAQGT</p> <p>ASVPAPATLS TVTSGDLDF TEQTTKSEEV AKKQLSKDSI LSLYGTGAQQ STPGVFMGPT</p> <p>NIPFTSQAPT AFQGFPSMGV PVPAAPGLIG NMMGQNTGMM VGMPMHNGFM GNAQTGV MPL</p> <p>PQNVVGPQGG MVGQMGAPQS KFGLPQAQQP QWNLSQMNQQ MAAMNLSSAN ASAGFGQPPS</p> <p>TTAGWSGSSS GQTLSTQLWK 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:	<div>Key Benefits:</div> <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>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SMAP1
Alternative Name:	Smap1 (SMAP1 Products)
Background:	Stromal membrane-associated protein 1,FUNCTION: GTPase activating protein that acts on ARF6. Plays a role in clathrin-dependent endocytosis. May play a role in erythropoiesis. {ECO:0000269 PubMed:15659652, ECO:0000269 PubMed:9644265}.
Molecular Weight:	47.7 kDa
UniProt:	Q91VZ6

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