

Datasheet for ABIN7544034

STAMBPL1 Protein (AA 1-436) (His tag)



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Overview

Quantity:	1 mg
Target:	STAMBPL1
Protein Characteristics:	AA 1-436
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAMBPL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant STAMBPL1 Protein expressed in mammalian cells.
Sequence:	<p>MDQPFTVNSL KKLAAMPDHT DVSLSPSEERV RALSKLGCNI TISEDITPRR YFRSGVEMER</p> <p>MASVYLEEGN LENAFLVLYNK FITLFVEKLP NHRDYQQCAV PEKQDIMKKL KEIAFPRTDE</p> <p>LKNDLLKKYN VEYQEYLQSK NKYKAEILKK LEHQRLIEAE RKRIAQMRQQ QLESEQLFF</p> <p>EDQLKKQELA RGQMRSQQTSLGLSEIDGSA LSCFSTHQNN SLLNVFADQP NKSDATNYAS</p> <p>HSPPVNRALT PAATLSAVQN LVVEGLRCVV LPEDLCHKFL QLAESNTVRG IETCGILCGK</p> <p>LTHNEFTITH VIVPKQSAGP DYCDMENVEE LFNVDQDQDL LTLGWIHHP TQTAFLSSVD</p> <p>LHTHCSYQLM LPEAIAIVCS PKHKDTGIFR LTNAGMLEVS ACKKKGFHHP TKEPRLFSIC</p> <p>KHVLVKDIKI IVLDLR</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.

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>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	STAMBPL1
Alternative Name:	STAMBPL1 (STAMBPL1 Products)
Background:	AMSH-like protease (AMSH-LP) (EC 3.4.19.-) (STAM-binding protein-like 1),FUNCTION: Zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains (PubMed:18758443, PubMed:35114100). Acts as a positive regulator of the TORC1 signaling pathway by mediating 'Lys-63'-linked deubiquitination of SESN2, thereby inhibiting SESN2-interaction with the GATOR2 complex (PubMed:35114100). Does not cleave 'Lys-48'-linked polyubiquitin chains (PubMed:18758443). {ECO:0000269 PubMed:18758443, ECO:0000269 PubMed:35114100}.
Molecular Weight:	49.8 kDa
UniProt:	Q96FJ0

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