

Datasheet for ABIN7559365

STOML1 Protein (AA 1-399) (His tag)



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Overview

Quantity:	1 mg
Target:	STOML1
Protein Characteristics:	AA 1-399
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STOML1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Stoml1 Protein expressed in mammalian cells.
Sequence:	<p>MLGRSGYRAL PLGDFDRFQQ SSFGFLGSQK GCLSPEPGSV GPGADAPESW PSCLCHGLVS</p> <p>VLGFLLLLLT FPISGWFALK IVPTYERMIV FRLGRIRNPQ GPGMVLLLPF IDSFQRVDLR</p> <p>TRAFNVPPCK LASKDGAVLS VGADVQFRIW DPVLSVMAVK DLNTATRMTA HNAMEKALLR</p> <p>RPLQEIQMEK LKIGDQQLLE INDVTRAWGL EVDRVELAVE AVLQPPQDSL TVPSLDSTLQ</p> <p>QLALHLLGGS MNSAVGRVPS PGPDITLEMIN EVEPPASLAG AGAEPSPKQP VAEGLLTALQ</p> <p>PFLSEALVSQ VGACYQFNVI LPSGTQSIYF LDLTTGQGRV GHGEPDGIPD VVEMAEADL</p> <p>QALLSKELRP LGAYMSGRLK VKGDLAVVMK LEAVLKALK Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>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)
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Grade:	custom-made
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Target Details

Target:	STOML1
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Alternative Name:	Stoml1 (STOML1 Products)
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Background:	<p>Stomatin-like protein 1 (SLP-1),FUNCTION: May play a role in cholesterol transfer to late endosomes (By similarity). May play a role in modulating membrane acid-sensing ion channels. Can specifically inhibit proton-gated current of ASIC1 isoform 1. Can increase inactivation speed of ASIC3. May be involved in regulation of proton sensing in dorsal root ganglions (PubMed:24247984). {ECO:0000250 UniProtKB:Q9UBI4, ECO:0000269 PubMed:24247984}.</p>
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Molecular Weight:	42.9 kDa
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UniProt:	Q8CI66
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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.
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Restrictions:	For Research Use only
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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