

Datasheet for ABIN7558058
STOML3 Protein (AA 1-287) (His tag)



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Overview

Quantity:	1 mg
Target:	STOML3
Protein Characteristics:	AA 1-287
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STOML3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Stoml3 Protein expressed in mammalian cells.
Sequence:	MDSPEKLEKN NLVGTNKSRL GVCGWILFFL SLLMLVTFP ISVWMCLKII KEYERAVVFR LGRIQADKAK GPLLILVLPD IDVFVKVDLR TVTCNIPPQE ILTRDSVTTQ VDGVVYRIY SAVSAVANVN DVHQATFLA QTTLRNVLGT QTLSQILSGR EEIAHSIQTL LDDATELWGI RVARVEIKDV RIPvQLQRSM AAeAeATREA RAKVLAAEGE MNASKSLKSA SMVLAESPVA LQLRYLQTLT TVATEKNSTI VFPLPMNILE GIGGISYGNN KKVTAKA 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.
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:

Product Details

- 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:	STOML3
Alternative Name:	Stoml3 (STOML3 Products)
Background:	Stomatin-like protein 3 (SLP-3) (Stomatin-related olfactory protein),FUNCTION: Required for the function of many mechanoreceptors. Modulate mechanotransduction channels and acid-sensing ion channels (ASIC) proteins. Potentiates PIEZO1 and PIEZO2 function by increasing their sensitivity to mechanical stimulations. {ECO:0000269 PubMed:24662763}.
Molecular Weight:	31.6 kDa
UniProt:	Q6PE84

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