Datasheet for ABIN7549306

MESP1 Protein (AA 1-268) (His tag)

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Overview

Quantity:	1 mg
Target:	MESP1
Protein Characteristics:	AA 1-268
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MESP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat MESP1 Protein expressed in mammalien cells.
Sequence:	MAQPLCPPLS ESWMLSAAWG PTRRPPPSDK DCGRSLVSSP DSWGSTPADS PVASPARPGT LRDPRAPSVG RRGARSSRLG SGQRQSASER EKLRMRTLAR ALHELRRFLP PSVAPAGQSL TKIETLRLAI RYIGHLSAVL GLSEESLQRR CRQRGDAGSP RGCPLCPDDC PAQMQTRTQA EGQGQGRGLG LVSAVRAGAS WGSPPACPGA RAAPEPRDPP ALFAEAACPE GQAMEPSPPS PLLPGDVLAL LETWMPLSPL EWLPEEPK **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.**
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalien 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, Western Blot
Grade:	custom-made

Target Details

Target:	MESP1
Alternative Name:	MESP1 (MESP1 Products)
Background:	Mesoderm posterior protein 1 (Class C basic helix-loop-helix protein 5) (bHLHc5),FUNCTION: Transcription factor. Plays a role in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Defines the rostrocaudal patterning of the somites by participating in distinct Notch pathways (By similarity). {ECO:0000250}.
Molecular Weight:	28.5 kDa
UniProt:	Q9BRJ9
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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