Datasheet for ABIN7559989

MEMO1 Protein (AA 1-297) (His tag)

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Overview

Quantity:	1 mg
Target:	MEMO1
Protein Characteristics:	AA 1-297
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEMO1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Memo1 Protein expressed in mammalien cells.
Sequence:	MSNRVVCREA SHAGSWYTAS GPQLNAQLEG WLSQVQSTKR PARAIIAPHA GYTYCGSCAA HAYKQVDPSV TRRIFILGPS HHVPLSRCAL SSVDIYRTPL YDLRIDQKIY GELWKTGMFE RMSLQTDEDE HSIEMHLPYT AKAMESHKDE FTIIPVLVGA LSESKEQEFG KLFSKYLADP SNLFVVSSDF CHWGQRFRYS YYDESQGEIY RSIEHLDKMG MSIIEQLDPV SFSNYLKKYH NTICGRHPIG VLLNAITELQ KNGMNMSFSF LNYAQSSQCR SWQDSSVSYA AGALTVH **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:	MEMO1
Alternative Name:	Memo1 (MEMO1 Products)
Background:	Protein MEMO1 (Mediator of ErbB2-driven cell motility 1) (Memo-1),FUNCTION: May control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. Mediator of ERBB2 signaling. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. It controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity. In turn, membrane-bound APC allows the localization of the MACF1 to the cell membrane, which is required for microtubule capture and stabilization (By similarity). {ECO:0000250}.
Molecular Weight:	33.7 kDa
UniProt:	Q91VH6

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.

Application Details

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