

Datasheet for ABIN7557711
MSI1 Protein (AA 1-362) (His tag)



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Overview

Quantity:	1 mg
Target:	MSI1
Protein Characteristics:	AA 1-362
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MSI1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Msi1 Protein expressed in mammalian cells.
Sequence:	METDAPQPGL ASPDSPHDPC KMFIGGLSWQ TTQEGLREYF GQFGEVKECL VMRDPLTKRS RGFGVTFMD QAGVDKVLAQ SRHELDSTI DPKVAFPRRA QPKMVTRTKK IFVGGLSVNT TVEDVKHYFE QFGKVDDAML MFDKTTNRHR GFGFVTFESE DIVEKVCEIH FHEINNKMVE CKKAQPKEVM SPTGSARGRS RVMPYGMDAF MLGIGMLGYP GFQATTYASR SYTGLAPGYT YQFPEFRVER SPLPSAPVLP ELTAIPLTAY GPMAAAAAAAAA AVVRGTGSHP WTMAPPPGST PSRTGGFLGT TSPGPMAELY GAANQDSGVSY SYISAASPAP STGFGHSLGG PLIATAFTNG YH 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:	MSI1
Alternative Name:	Msi1 (MSI1 Products)
Background:	RNA-binding protein Musashi homolog 1 (Musashi-1),FUNCTION: RNA binding protein that regulates the expression of target mRNAs at the translation level. Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5'-GUUAGUUAGUUAGUU-3' and other sequences containing the pattern 5'-[GA]U(1-3)AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system. {ECO:0000269 PubMed:11359897, ECO:0000269 PubMed:12407178}.
Molecular Weight:	39.1 kDa
UniProt:	Q61474
Pathways:	Stem Cell Maintenance

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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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