

Datasheet for ABIN7565189

MAST1 Protein (AA 1-1570) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MAST1
Protein Characteristics:	AA 1-1570
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAST1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Mast1 Protein expressed in mammalian cells.
Sequence:	MSDSLWTALS NFSMPSPGG SMFRRTKSCR TSNRKSLILT STSPTLPRPH SPLPGHLGSS PLDSPRNFSF NTPAHFSFAS SRRADGRRWS LASLPSSGYG TNTPSSTVSS SCSSQERLHQ LPYQPTVDEL HFLSKHFGST ESITDEDGGR RSPAVRPRSR SLSPGRSPSS YDNEIVMMNH VYKERFPKAT AQMEEKLRF ARAYEPDSVL PLADGVLSFI HHQIIEIARD CLTKSRDGLI TTVYFYELQE NLEKLLQDAY ERSSELEAV VTQLVKLLI IISRPARLLE CLEFNPEEFY HLLEAAEGHA KEGHLVKTDI PRYIIRQLGL TRDPFPDVVR LEEQDSGGSN TPEQDDTSEG RSSTSKAKKP PGESDFDTIK LISNGAYGAV YLVRHRDTRQ RFAMKKINKQ NLILRNQIQQ AFVERDILTF AENPFVVGMF CSFETRRHLC MVMEYVEGGD CATLLKNIGA LPVEMARMYF AETVLALEYL HNYGIVHRDL KPDNLLITSM GHIKLTDFGL SKMGLMSLTT NLYEGHIEKD AREFLDKQVC GTPEYIAPEV ILRQGYGKPV DWWAMGIILY EFLVGCVPFF GDTPEELFGQ VISDDILWPE GDEALPTDAQ LLISLLQTN PLVRLGAGGA FEVKQHSFFR DLDWTGLLRQ

KAEIFIPHLES EDDTSYFDTR SDRYHHVNSY DEDDTTEEEP VEIRQFSSCS PRFSKVYSSM
EQLSQHEPKT PVSASGASKR DPSAKGPEEK VAGKREGLGG LTLREKTWRG GSPEIKRFSA
SEASFLEGEA SPPLGARRRF SALLEPSRFT APQEDEDEAR LRRPPRPSSD PPSSLDTRVP
KEAVQGEGTS TPGEPEATER SHPGDLGPPS KGDPSGPRA TNDLVLRAR HQQLSGDLAV
EKRPSTGGK VIKSASATAL SVMIPAVDPH GGSPLASPMS PRSLSSNPSS RDSSPSRDYS
PAVSGLRSPI TIQRSGKKYG FTLRAIRVYM GDSVYSVHH IVWHVEEGGP AQEAGLCAGD
LITHVNGEPV HGMVHPEVVE LILKSGNKVA VTTTPFENTS IRIGPARRSS YKAKMARRNK
RPSAKDGQES KKRSSLFRKI TKQSNLLHTS RSLSSLNRSL SSSDSLPGSP THGLPARSPT
HSYRSTPDSA YLGASSQSSS PASSTPNSPA SSASHHIRPS TLHGLSPKLH RQYRSARCKS
AGNIPLSPLA HTPSPTQASP PPLPGHTVGS SHTTQSFPK LHSSPPVVRP RPKSAEPPRS
PLLKRVQSAE KLGASLGADK KGALRKHSLE VGHPDFRKDF HGELALHSLA ESDGETPPIE
GPGATRQVAV RRLGRQESPL SLGADPLLPD GVQRPMASK EDSAGGTEAC TPRATTGPS
RTLERDSGCT RHQSVQTEDG PGGVARALAK AALSPVQEHE TGRRSSSGEA GTPPVPIVVE
PARPGVKTQA PQPLGTDSKG LKEPVAQMPL MPDAPRGRER WVLEEVEERT TLSGLRSKPA
SPKLSPDPQT PTLVPTKNVP RSAAPSVPPA SLMVPGTKPE AGLNSRCPAE AVTPAGLTKT
GAPSPASLGP **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. • 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, Western Blot
Grade:	custom-made

Target Details

Target:	MAST1
Alternative Name:	Mast1 (MAST1 Products)
Background:	Microtubule-associated serine/threonine-protein kinase 1 (EC 2.7.11.1) (Syntrophin-associated serine/threonine-protein kinase),FUNCTION: Microtubule-associated protein essential for correct brain development (PubMed:30449657). Appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins. Phosphorylation of DMD or UTRN may modulate their affinities for associated proteins. {ECO:0000269 PubMed:10404183, ECO:0000269 PubMed:30449657, ECO:0000303 PubMed:10404183}.
Molecular Weight:	171.0 kDa
UniProt:	Q9R1L5

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