

Datasheet for ABIN7554516

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



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MAST1
Protein Characteristics:	AA 1-1570
Origin:	Human
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 AQMEEKLRDF TRAYEPDSVL PLADGVLSFI HHQIIEIARD CLTKSRDGLI TTVYFYELQE NLEKLLQDAY ERSSELEAV VTQLVKLLI IISRPARLLE CLEFNPEEFY HLLEAAEGHA KEGHLVKTDI PRYIIRQLGL TRDPFPDVVH LEEQDSGGSN TPEQDDLSEG RSSKAKKPPG ENDFDTIKLI SNGAYGAVYL VRHRDTRQRF AMKKINKQNL ILRNQIQQAF VERDILTFAE NPFVVGMFCS FETRRHLCMV MEYVEGGDCA TLLKNIGALP VEMARMYFAE TVLALEYLHN YGIVHRDLKP DNLLITSMGH IKLTDGLSK MGLMSLTNNL YEGHIEKDAR EFLDKQVCGT PEYIAPEVIL RQGYGKPDW WAMGIILYEF LVGCVPPFGD TPEELFGQVI SDDILWPEGD EALPTEAQLL ISSLLQTNPL VRLGAGGAFE VKQHSFFRDL DWTGLLRQKA

EFIPHLESED DTSYFDTRSD RYHHVNSYDE DDTTEEEPVE IRQFSSCSPR FSKVYSSMEQ
LSQHEPKTPV AAAGSSKREP STKGPEEKVA GKREGLGGLT LREKTWRGGS PEIKRFSASE
ASFLEGEASP PLGARRRFSA LLEPSRFSAP QEDEDEARLR RPPRPSSDPA GSLDARAPKE
ETQGEGTSSA GDSEATDRPR PGDLCPPSKD GDASGPRATN DLVLRRARHQ QMSGDVAVEK
RPSRTGGKVI KSASATALSV MIPAVDPHGS SPLASPMSPR SLSSNPSSRD SSPSRDYSPA
VSGLRSPITI QRSKGKYGFT LRairVYMGD TDVYSVHHIV WHVEEGGPAQ EAGLCAGDLI
THVNGEPVHG MVHPEVELI LKSGNKVAVT TTPFENTSIR IGPARRSSYK AKMARRNKRP
SAKEGQESKK RSSLFRKITK QSNLLHTSRS LSSLNRSLS SDSLPGSPTH GLPARSPTHS
YRSTPDSAYL GASSQSSSPA SSTPNPASS ASHHIRPSTL HGLSPKLHRQ YRSARCKSAG
NIPLSPLAHT PSPTQASPPP LPGHTVGSSH TTQSFPALH SSPPVVRPRP KSAEPPRSPL
LKRVSQAEKL GASLSADKKG ALRKHSLEVG HPDFRKDFHG ELALHSLAES DGETPPVEGL
GAPRQVAVRR LGRQESPLSL GADPLLPEGA SRPPVSSKEK ESPGGAEACT PPRATTPGGR
TLERDVGCTR HQSVQTEDGT GGMARAVAKA ALSPVQEHET GRRSSSGEAG TPLVPIVVEP
ARPGAKAVVP QPLGADSKGL QEPAPLAPSV PEAPRGRERW VLEVVEERTT LSGPRSKPAS
PKLSPEPQTP SLAPAKCSAP SSAVTPVPPA SLLGSGTKPQ VGLTSRCPAE AVPPAGLTKK
GVSSPAPPGP **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 (By similarity). {ECO:0000250 UniProtKB:Q9R1L5, ECO:0000269 PubMed:30449657}.
Molecular Weight:	170.7 kDa
UniProt:	Q9Y2H9

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