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Datasheet for ABIN7554469

MAST3 Protein (AA 1-1309) (His tag)

Overview

Quantity:	1 mg
Target:	MAST3
Protein Characteristics:	AA 1-1309
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAST3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat MAST3 Protein expressed in mammalian cells.
Sequence:	MDESSLLRRR GLQKELSLPR RGRGCRSGNR KSLVVGTPSP TLSRPLSPLS VPTAGSSPLD SPRNFSAASA LNFPPARRAD GRRWSLASLP SSGYGTNTPS STLSSSSSSR ERLHQLPFQP TPDELHFLSK HFRSSENVLD EEGRSPRLR PRSRSLSPGR ATGTFDNEIV MMNHVYRERF PKATAQMEGR LQEFLTAYAP GARLALADGV LGFIHHQIVE LARDCLAKSG ENLVTSRYFL EMQEKLERLL QDAHRS DSE EVSFIVQLVR KLLIISRPA RLLECLEFDP EEFYHLLEAA EGHAREGQGI KTDLPQYIIG QLGLAKDPLE EMVPLSHLEE EQPPAPESPE SRALVGQSRR KPCESDFETI KLISNGAYGA VYLVRHRDTR QRFAIKKINK QNLILRNQIQ QVFVERDILT FAENPFVSM FCSFETRRHL CMVMEYVEGG DCATLLKNMG PLPVDMARLY FAETVLALEY LHNYGIVHRD LKPDNLLITS LGHIKLTDFG LSKIGLMSMA TNLYEGHIEK DAREFIDKQV CGTPEYIAPE VIFRQGYGKP VDWWAMGVVL YEFLVGCVPF FGDTPEELFG QVVSDEIMWP EGDEALPADA QDLITRLLRQ SPLDRLGTGG THEVKQHPFF LALDWAGLLR HKAIEFVPQLE

Product Details

AEDDTSYFDT RSERYRHLGS EDDETNDEES STEIPQFSSC SHRFKSKVYSS SEFLAVQPTP
TFAERSFSED REEGWERSEV DYGRRLSADI RLRSWTSSGS SCQSSSSQPE RGPSPSLNLT
ISLDTMPKFA FSSSEDEGVGP GPAGPKRPVF ILGEPDPPPA ATPVMPKPSS LSADTAALSH
ARLRNSIGA RHSTPRPLDA GRGRRLGGPR DPAPEKSRAS SSGGSGGGSG GRVPKSASVS
ALSLIITADD GSGGPLMSPL SPRSLSSNPS SRDSSPSRDP SPVCGSLRPP IVIHSSGKKY
GFSLRAIRVY MGDSDVYTVH HVVWSVEDGS PAQEAGLRAG DLITHINGES VLGLVHMDVY
ELLLKSGNKI SLRTTALENT SIKVGPARKN VAKGRMARRS KRSRRRETQD RRKSLFKKIS
KQTSVLHTSR SFSSGLHHSL SSSESLPGSP THSLSPSPTT PCRSPAPDVP ADTTASPPSA
SPSSSSPASP AAAGHTRPSS LHGLAAKLGPR PRPKTGRRKS TSSIPPSPLA CPPISAPPPR
SPSPLPGHPP APARSPRLRR GQSADKLTG ERLDGEAGRR TRGPEAELVV MRRHLHSERR
DSFKKQEAQV EVSFDEPQEE ATGLPTSVPQ IAVEGEEAVP VALGPTGRD **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:

MAST3

Target Details

Alternative Name:	MAST3 (MAST3 Products)
Background:	Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1)
Molecular Weight:	143.1 kDa
UniProt:	O60307

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