

Product datasheet for **TP762424**

MAST205 (MAST2) (NM_015112) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human microtubule associated serine/threonine kinase 2 (MAST2), Gln1428-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Gln1428-End) of MAST2
Tag:	N-His
Predicted MW:	33.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055927
Locus ID:	23139
UniProt ID:	Q6P0Q8
RefSeq Size:	5756
Cytogenetics:	1p34.1
RefSeq ORF:	5391
Synonyms:	MAST205; MTSSK



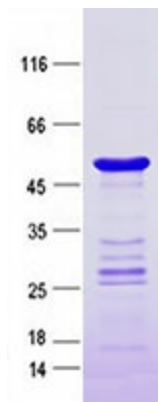
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Summary:

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. Functions in a multi-protein complex in spermatid maturation. Regulates lipopolysaccharide-induced IL-12 synthesis in macrophages by forming a complex with TRAF6, resulting in the inhibition of TRAF6 NF-kappa-B activation (By similarity). [UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome, Protein Kinase

Product images:

Purified recombinant protein MAST2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.