

Product datasheet for TP307706M

MAST4 (NM_198828) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human microtubule associated serine/threonine kinase family member 4 (MAST4), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207706 representing NM_198828 Red=Cloning site Green=Tags(s)
	MGEKVSEAPEPVPRGCSGHGSRTPASALVAASSPGASSAESSSGSETLSEEGEPGGFSREHQPPPPPLG GTLGARAPAAWAPASVLLERGVLALPPPLPGGAVPPAPRGSSASQEEQDELDHILSPPMPFRKCSNPD VASGPGKSLKYKRQLEDGRQLRRGSLGGALTGRYLLPNPVAGQAWPASAETSNLVRMRSQALGQSAPSL TASLKELSLPRRGLIDSQKWNCLVKRPVCPNAGRTSPLG
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	25.5 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, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_942123
Locus ID:	375449



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UniProt ID: [O15021](#)

RefSeq Size: 1105

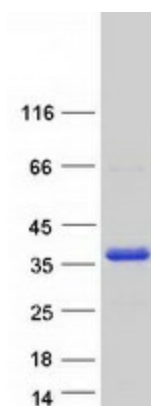
Cytogenetics: 5q12.3

RefSeq ORF: 750

Summary: This gene encodes a member of the microtubule-associated serine/threonine protein kinases. The proteins in this family contain a domain that gives the kinase the ability to determine its own scaffold to control the effects of their kinase activities. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified MAST4 protein (Cat# [TP307706]). The protein was produced from HEK293T cells transfected with MAST4 cDNA clone (Cat# [RC207706]) using MegaTran 2.0 (Cat# [TT210002]).