

Product datasheet for PH307706

MAST4 (NM_198828) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAST4 MS Standard C13 and N15-labeled recombinant protein (NP_942123)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207706
Predicted MW:	25.5 kDa
Protein Sequence:	>RC207706 representing NM_198828 Red=Cloning site Green=Tags(s) MGEKVSEAPEVPVPRGCSGHGSRTPASALVAASSPGASSAESSSGSETLSEEGEPGGFSREHQPPPPPLG GTLGARAPAAWAPASVLLERGVLALPPPLPGGAVPPAPRGSSASQEEQDELDHILSPPPMPFRKCSNPD VASGPGKSLKYKRQLSEDGRQLRRGSLGGALTGRYLLPNPVAGQAWPASAETSNLVRMRSQALGQSAPSL TASLKELSLPRRGSLIDSQKWNCLVKRPVCPNAGRTSPLG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_942123
RefSeq Size:	1105
RefSeq ORF:	750
Locus ID:	375449
UniProt ID:	O15021
Cytogenetics:	5q12.3



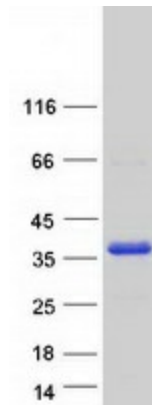
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Summary:

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]).