

Product datasheet for PH303858

MASTL (NM_032844) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MASTL MS Standard C13 and N15-labeled recombinant protein (NP_116233)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203858
Predicted MW:	97.3 kDa
Protein Sequence:	>RC203858 protein sequence Red=Cloning site Green=Tags(s)

MDPTAGSKKEPGGAATEEGVNRIVAVPKPPSIEEFISIVKPISRGAFGKVYLGQKGGKLYAVKVVKKADMI
NKNMTHQVQAERDALALSKSPFIVHLYYSLQSANNVYL VMEYLIGGDVKSLLLHIYGYFDEEMAVKYISEV
ALALDYLHRHGI IHRDLKPDNMLISNEGHIKLTDFGLSKVTLNRDINMMDILTTSPMAKPRQDYSRTPGQ
VLSLISLGFNTPIAEKNQDPANILSACLSETSLSQGLVCPMSVDQKDTTPYSSKLLKSCLETVASNPG
MPVKCLTSNLLQSRKRLATSSASSQSHTFISSEVESECHSSPKWEKDCQESDEALGPTMMSWNAVEKLCAK
SANAIETKGFNKKDLELALSPIHNSSALPTTGRSCVNLAKKCFSGEVSWEAVELDVNNINMDTDTSQLGF
HOSNQWAVDSGGISEEHLGKRSLKRNFLVDSSPCKKI IQNKKTCVEYKHNEMTNCYTNTGLTVEVQD
LKL SVHKSQQND CANKENIVNSFTDKQQTPEKLP IPMIAK NLMCELD EDCENSKRDYLS SFLCSDDDR
ASKNISMNSDSSFPGISIMESPLESQPLSDRSIKESSFEESNIEDPLIVTPDCQEKTS PKGVENPAVQE
SNQKMLGPPELVKTLASKRNAVAFRSFNSHINASNSEPSRMMNTSLDAMDISCAYSGSYPMAITPTQK
RRSCMPHQQT PNQIKSGTPYRTPKSVRRGVAPVDDGRILGTPDYLAPELLLGRAHGPAVDWWALGVCLFE
FLTGIPPFNDETPQQVFQNILKRDIPWPEGEEKLSDNAQSAVEILLTIDDTKRAMKELKRHPLFSDVDW
ENLQHQTMPFIPQPDETDTSYFEARNTAQHLTVSGFSL

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.



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RefSeq: [NP_116233](#)

RefSeq Size: 3623

RefSeq ORF: 2637

Synonyms: GREATWALL; GW; GWL; MAST-L; THC2

Locus ID: 84930

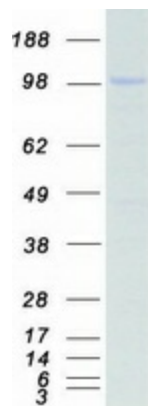
UniProt ID: [Q96GX5](#)

Cytogenetics: 10p12.1

Summary: This gene encodes a microtubule-associated serine/threonine kinase. Mutations at this locus have been associated with autosomal dominant thrombocytopenia, also known as thrombocytopenia-2. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Feb 2010]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified MASTL protein (Cat# [TP303858]). The protein was produced from HEK293T cells transfected with MASTL cDNA clone (Cat# [RC203858]) using MegaTran 2.0 (Cat# [TT210002]).