

Product datasheet for **TP306888M**

MSL3L1 (MSL3) (NM_078629) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human male-specific lethal 3 homolog (Drosophila) (MSL3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206888 protein sequence Red =Cloning site Green =Tags(s)

MSASEGMKFKFHSGEKVLCFEPDPTKARVLYDAKIVDVIVGKDEKGRKIPEYLIHFNGWNRSWDRWAAED
HVLRTDENDRRLQRKLARKAVARLRSTGRKKKRCRLPGVDSVLKGLPTEEKDENDENSLSSSSDCSENKD
EEISEESDIEEKTEVKEPELQTRREMEERTITIEIPEVLKKQLEDDCYINRRKRLVKLPCQTNIIITIL
ESYVKHFAINAAFSANERPRHHHVMPHANMNVHYIPAEKNVDLCKEMVDGLRITFDYTLPLVLLYPYEQA
QYKKVTSSKFFLPIKESATSTNRSQEELSPSPLLNPSTPQSTESQPTTGEPATPKRRKAPEALQSLRR
STRHSANCDRLSESSASPQPKRRQQDTSASMPKLFHLHLEKTPVHSRSSSPIPLTPSKEGSAVFAGFEGR
RTNEINEVLSWKLVPDNYPPGDQPPPSYIYGAQHLLRFLVVKLPEILGKMSFSEKNLKALLKHFDLFLRF
LAEYHDDFFPESAYVAACEAHYSTKNPRAIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

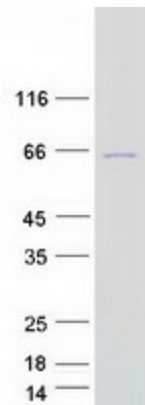
Tag:	C-Myc/DDK
Predicted MW:	59.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_523353
Locus ID:	10943
UniProt ID:	Q8N5Y2
RefSeq Size:	2359
Cytogenetics:	Xp22.2
RefSeq ORF:	1563
Synonyms:	MRSXBA; MRXS36; MRXSBA; MSL3L1
Summary:	This gene encodes a nuclear protein that is similar to the product of the Drosophila male-specific lethal-3 gene. The Drosophila protein plays a critical role in a dosage-compensation pathway, which equalizes X-linked gene expression in males and females. Thus, the human protein is thought to play a similar function in chromatin remodeling and transcriptional regulation, and it has been found as part of a complex that is responsible for histone H4 lysine-16 acetylation. This gene can undergo X inactivation. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 2, 7 and 8. [provided by RefSeq, Jul 2010]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified MSL3 protein (Cat# [TP306888]). The protein was produced from HEK293T cells transfected with MSL3 cDNA clone (Cat# [RC206888]) using MegaTran 2.0 (Cat# [TT210002]).