

Product datasheet for TP306888

MSL3L1 (MSL3) (NM_078629) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human male-specific lethal 3 homolog (Drosophila) (MSL3), transcript variant 1, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC206888 protein sequence Red =Cloning site Green =Tags(s) |

MSASEGMKFKFHSGEKVLCFEPDPTKARVLYDAKIVDVIVGKDEKGRKIPEYLIHFNGWNRSWDRWAAED
HVLRTDENRRLQRKLARKAVARLRSTGRKKKRCRLPGVDSVLKGLPTEEKDENDENSLSSSSDCSENKD
EEISEESDIEEKTEVKEEPELQTRREMEERTITIEIPEVLKKQLEDDCYINRRKRLVKLPCQTNIIIL
ESYVKHFAINAAFSANERPRHHHVMPHANMNVHYIPAEKNVDLCKEMVDGLRITFDYTLPLVLLYPYEQA
QYKKVTSSKFFLPIKESATSTNRSQEELSPSPLLNPSTPQSTESQPTTGEPATPKRRKAPEALQSLRR
STRHSANCDRLSESSASPQPKRRQQDTSASMPKLFHLHLEKTPVHSRSSSPIPLTPSKEGSAVFAGFEGR
RTNEINEVLSWKLVPDNYPPGDQPPPSYIYGAQHLLRLFVKLPEILGKMSFSEKNLKALLKHFDLFLRF
LAEYHDDFFPESAYVAACEAHYSTKNPRAIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

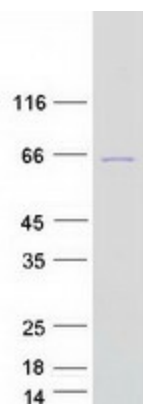
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 59.6 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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 <i>Drosophila</i> male-specific lethal-3 gene. The <i>Drosophila</i> 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]).