

Product datasheet for TP507442

Msl3 (NM_010832) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse MSL complex subunit 3 (Msl3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207442 protein sequence Red=Cloning site Green=Tags(s)

MPSWDRWAAEEHVLHDTDENRRLQRKLAKKAIARLRGTGKKKRRRCRLPGVDSVLKSVPVKEKSKNDENSV
SSTCHESCGEKNNGGIKEHRQRRIKVKAKAKKKVLSLSRSEMERTITIDIPDLKQLEDDCYINRRK
RLVKLPCQTNIIITILESIVKHFAINAAFSANERPRHHHAMMHTHMNVHYVPAEKNVDLCKEMVDGLRITF
DYTLPLVLLYPYEQTQYKRVTSKFFLPIKESTTTNRSQEELSPSPLLNPSTPQSTESQPPTGEPATP
KRRKAPEALQSLRRSTRHSTNCDRLSESSSSPQPKRRQDTSASMPKLFHLLEKKTVPVHSRSSSPIPLT
PSKDGS AVFAGFEGRRPNEINEVLSWKLVPDNYPPGDQPPPPSYIYGAQHLLRFLVKLPEILGKMSFSEK
NLKALLKHFDLFLRFLAEYHDDFFPESAYVAACEAHYSTKNPRAIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	53.5 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
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 after receiving vials.
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_034962
Locus ID:	17692



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UniProt ID: [Q9WVG9](#)

RefSeq Size: 3338

Cytogenetics: X F5

RefSeq ORF: 1401

Synonyms: AU018931; Msl3l1; Msl31

Summary: Has a role in chromatin remodeling and transcriptional regulation. Has a role in X inactivation. Component of the MSL complex which is responsible for the majority of histone H4 acetylation at 'Lys-16' which is implicated in the formation of higher-order chromatin structure. Specifically recognizes histone H4 monomethylated at 'Lys-20' (H4K20Me1) in a DNA-dependent manner and is proposed to be involved in chromosomal targeting of the MSL complex.[UniProtKB/Swiss-Prot Function]