

## Recombinant Mouse Msl3 Protein, Myc/DDK-tagged

Cat. No. Msl3-4190M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length MSL complex subunit 3 (Msl3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	53.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Msl3 MSL complex subunit 3 [ *Mus musculus* (house mouse) ]

**Official Symbol** Msl3

**Synonyms** MSL3; male-specific lethal 3 homolog (*Drosophila*); male-specific lethal 3 homolog; MSL3-like 1; male-specific lethal-3 homolog 1; male-specific lethal-3 protein-like 1; Msl31; Msl3I1; AU018931

**Gene ID** 17692

**mRNA Refseq** NM\_010832

**Protein Refseq** NP\_034962

**UniProt ID** Q9WVG9

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