

Recombinant Human MSL3 Protein, GST-tagged

Cat. No. MSL3-5657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MSL3L1 full-length ORF (AAH31210.1, 1 a.a. - 521 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a nuclear protein and has similarity to 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 this encoded protein is thought to play a similar function in chromatin remodeling and transcriptional regulation. This gene has been found to undergo X inactivation. There are four alternatively spliced transcript variants of this gene encoding different isoforms. [provided by RefSeq]
Molecular Mass	86.2 kDa
AA Sequence	MSASEGMKFKFHSGEKVLCEPDPTKARVLYDAKIVDVIVGKDEKGRKIPEYLIHFNG WNRSWDRWAAEDHVLRTDENRRLQRKLARKAVARLRSTGRKKKRCRLPGVDSV LKGLPTEEKDENDENSLSSSSDCSENKDEEISEESDIEEKTEVKEEPELQTRREMEE RTITIEIPEVLKKQLEDDCYINRRKRLVKLPCQTNITILESIVKHFAINAAFSANERPR HHHVMPHANMNVHYIPAENVDLCKEMVDGLRITFDYTLPLVLLYPYEQAQYKKVTS SKFFLPIKESATSTNRSQEELSPSPLLNPSTPQSTESQPTTGEPATPKRRKAEPEAL QSLRRSTRHSANCDRLSESSASPQPKRRQQDTSASMPKFLHLEKKTPVHSRSSSP

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IPLTPSKEGSAVFAGFEGRRRTNEINEVLSWKLVPDNYPPGDQPPPPSYIYGAQHLLR
LFVKLPEILGKMSFSEKNLKALLKHFDLFLRFLAEYHDDFFPESAYVAACEAHYSTKN
PRAIY

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[MSL3 male-specific lethal 3 homolog \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol

[MSL3](#)

Synonyms

MSL3; male-specific lethal 3 homolog (Drosophila); male specific lethal 3 like 1 (Drosophila) , male specific lethal 3 (Drosophila) like 1 , MSL3L1; male-specific lethal 3 homolog; MSL3-like 1; male-specific lethal-3 protein-like 1; MSL3L1; DKFZp586J1822;

Gene ID

[10943](#)

mRNA Refseq

[NM_001193270](#)

Protein Refseq

[NP_001180199](#)

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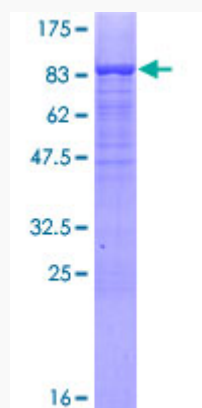
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MIM 300609

UniProt ID Q8N5Y2

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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