Recombinant Full Length Human MSL3 Protein, GST-tagged

Cat. No. MSL3-6460HF **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	In Vitro Cell Free System
ProteinLength	521 amino acids
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	MSASEGMKFKFHSGEKVLCFEPDPTKARVLYDAKIVDVIVGKDEKGRKIPEYLIHFNG WNRSWDRWAAEDHVLRDTDENRRLQRKLARKAVARLRSTGRKKKRCRLPGVDSV LKGLPTEEKDENDENSLSSSSDCSENKDEEISEESDIEEKTEVKEEPELQTRREMEE RTITIEIPEVLKKQLEDDCYYINRRKRLVKLPCQTNIITILESYVKHFAINAAFSANERPR HHHVMPHANMNVHYIPAEKNVDLCKEMVDGLRITFDYTLPLVLLYPYEQAQYKKVTS SKFFLPIKESATSTNRSQEELSPSPPLLNPSTPQSTESQPTTGEPATPKRRKAEPEAL

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	QSLRRSTRHSANCDRLSESSASPQPKRRQQDTSASMPKLFLHLEKKTPVHSRSSSP IPLTPSKEGSAVFAGFEGRRTNEINEVLSWKLVPDNYPPGDQPPPPSYIYGAQHLLR 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

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Protein Refseq	NP_001180199
MIM	300609
UniProt ID	Q8N5Y2

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