

Product datasheet for PH306888

MSL3L1 (MSL3) (NM_078629) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MSL3 MS Standard C13 and N15-labeled recombinant protein (NP_523353)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206888
Predicted MW:	59.8 kDa
Protein Sequence:	>RC206888 protein sequence Red=Cloning site Green=Tags(s)

MSASEGMKFKFHSGEKVLCEFPDPTKARVLYDAKIVDVIIVGKDEKGRKIPEYLIHFNGWNRSWDRWAAED
HVLRTDENRRLQRKLARKAVARLRSTGRKKRCRLPGVDSVLKGLPTEEKDENDENSLSSSDCSENKD
EEISEESDIEEKTEVKEEPELQTRREMEERTITIEIPEVLKQLEDDCYINRRKRLVKLPCQTNIIITIL
ESYVKHFAINAAF SANERPRHHVMPHANMNVHYIPAENVDLCKEMVDGLRITFDYTLPLVLLYPYEQA
QYKVTSSKFFLPIKESATSTNRSQEELSPSPLLNPSTPQSTESQPTTGEPATPKRRKAEPALQSLRR
STRHSANCDRLSESSASPQPKRRQDTSASMPKLFHLEKKTTPVHSRSSSPIPLTPSKEGSAVFAFGEGR
RTNEINEVLSWKLVPDNYPPGDQPPPPSYIYGAQHLLRFLVKLPEILGKMSFSEKNLKALLKHFDFLRF
LAEYHDDFFPESAYVAACEAHYSTKNPRAIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_523353
RefSeq Size:	2359
RefSeq ORF:	1563



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Synonyms: MRSXBA; MRXS36; MRXSBA; MSL3L1

Locus ID: 10943

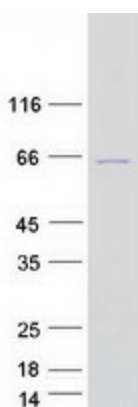
UniProt ID: [Q8N5Y2](#)

Cytogenetics: Xp22.2

Summary: This gene encodes a nuclear protein that is similar to the product of the *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, 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]).