



Human MSL3 peptide (DAG-P1712)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	MSL3 male-specific lethal 3 homolog (Drosophila) [Homo sapiens (human)]
Official Symbol	MSL3
Synonyms	MSL3; male-specific lethal 3 homolog (Drosophila); MSL3L1; male-specific lethal 3 homolog; MSL3-like 1; male-specific lethal-3 protein-like 1;
Entrez Gene ID	10943
mRNA Refseq	NM_001193270.2

Protein Refseq	NP_001180199.1
UniProt ID	Q8N5Y2
Chromosome Location	Xp22.3
Pathway	Chromatin modifying enzymes, organism-specific biosystem; Chromatin organization, organism-specific biosystem; HATs acetylate histones, organism-specific biosystem;
Function	DNA binding; methylated histone residue binding; sequence-specific DNA binding transcription factor activity;