

PRODUCT INFORMATION

Target	MSL2L1
Synonyms	MSL-2; MSL2L1; RNF184
Description	Purified recombinant protein of Human male-specific lethal 2 homolog (Drosophila) (MSL2), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Delivery	2-3 weeks
Uniprot ID	Q9HCI7
Expression Host	E. coli
Tag	N-His
Molecular Characterization	N/A
Molecular Weight	62.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	50mM Tris,8M Urea,pH8.0.
Storage & Shipping	Store at -80°C. Component of histone acetyltransferase complex responsible for the majority of histone H4 acetylation at lysine 16 which is implicated in the formation of higher-order chromatin structure. Acts as an E3 ubiquitin ligase that promotes monoubiquitination of histone H2B at 'Lys-35' (H2BK34Ub), but not that of H2A. This activity is greatly enhanced by heterodimerization with MSL1. H2B ubiquitination in turn stimulates histone H3 methylation at 'Lys-4' (H3K4me) and 'Lys-79' (H3K79me) and leads to gene activation, including that of HOXA9 and MEIS1.[UniProtKB/Swiss-Prot Function]
Background	
Usage	Research use only
Conjugate	Unconjugated

