

Motile Sperm Domain Containing 1 Human Recombinant

Item Number	rAP-4232
Synonyms	Motile sperm domain-containing protein 1, MOSPD1, DJ473B4, FHL2 Gene.
Description	MOSPD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 181 amino acids (1-158a.a) and having a molecular mass of 20.6kDa. MOSPD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UJG1
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMHQKQRQ PELVEGNLPV FVFPTELIFY ADDQSTHKQV LTLYNPYEFA LKFKVLCTTP NKYVVVDAAG AVKPQCCVDI VIRHRDVRSC HYGVIDKFRL QVSEQSQR- KA LGRKEVVATL LPSAKEQQKE EEEKRLKEHL TESLFFEQSF QPENRAVSSG P.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	MOSPD1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 0.15M NaCl, 50% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**