

MIS12 Human Recombinant

Item Number	rAP-3737
Synonyms	hMis12, KNTC2AP, MTW1, Protein MIS12 homolog.
Description	MIS12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 228 amino acids (1-205 a.a.) and having a molecular mass of 26.5kDa. MIS12 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H081
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSVDPMT YEAQFFGFTP QTCMLRIYIA FQDYLFVEMQ AVEQVILKKL DGIPDCDISP VQIRKCTEFK LCFMKGHFDN LFSKMEQLFL QLILRIPSNI LLPEDKCKET PYSEEDFQHL QKEIEQLQEK YKTELCTKQA LLAELEEQKI VQAKLKQTLT FFDELHNVGR DHGTSDFRES LVSLVQNSRK LQNIRDNVEK ESKRLKIS.
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	MIS12 protein solution (1mg/ml) containing 20mM Tris-HCl buffer, (pH 8.0) ,2M Urea and 10% glycerol. Greater than 90.0% 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**