

Translocase of Inner Mitochondrial Membrane 8 Homolog A Human Re-

Item Number	rAP-4097
Synonyms	Mitochondrial import inner membrane translocase subunit Tim8 A, TIMM8A, Translocase of Inner Mitochondrial Membrane 8 Homolog A, DDP, DDP1, DFN1, MTS, TIM8, Deafness dystonia protein 1, X-linked deafness dystonia protein.
Description	TIMM8A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 120 amino acids (1-97) and having a molecular mass of 13.4 kDa. TIMM8A is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	O60220
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMDSSSSS SAAGLGAVDP QLQHFIEVET QKQRFQQLVH QMTELCWEKC MDKPGPKLDS RAEACFVNCV ERFIDTSQFI LNRLEQTQKS KPVFSESLSLSD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	The TIMM8A solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT. 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**