

Peptidyl-tRNA Hydrolase 2 Human Recombinant

Item Number	rAP-1175
Synonyms	Peptidyl-tRNA hydrolase 2, mitochondrial, PTH 2, Bcl-2 inhibitor of transcription 1, PTRH2, BIT1, PTH2, CGI-147, FLJ32471, PTRH2.
Description	PTRH2 Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 137 amino acids (64-179 a.a.) and having a molecular mass of 14.9kDa. The PTRH2 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y3E5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MEYKMILVVR NDLKMGKGKV AAQCShAAVS AYKQIQRNRP EM-LKQWEYCG QPKVVKAPD EETLIALLAH AKMLGLTVSL IQDAGRTQIA PGSQTVLGIG PGPADLIDKV TGHKLKY.
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 PTRH2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT. Greater than 95.0% 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**