

## 32-2773: PTRH2 Recombinant Protein

**Alternative Name :** Peptidyl-tRNA hydrolase 2,mitochondrial,PTH 2,Bcl-2 inhibitor of transcription 1,PTRH2,BIT1,PTH2,CGI-147,FLJ32471,PTRH2.

### Description

Source : Escherichia Coli. 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. Peptidyl-tRNA hydrolase 2 (PTRH2) is a mitochondrial protein. PTRH2 is released during apoptosis from the mitochondria to the cytoplasm. When in the cytoplasm, PTRH2 regulates the function of 2 transcriptional regulators, TLE5 and TLE1, thus promoting caspase-independent cell death. Natural substrates for PTRH2 may be petidyl-tRNAs which drop off the ribosome during protein synthesis.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** The PTRH2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MEYKMILVVR NDLKMGKGKV AAQCShAAVS AYKQIQRRNP  
EMLKQWEYCG QPKVVVKAPD EETLIALLAH AKMLGLTVSL IQDAGRtQIA PGSQTVLGIG PGPADLIDKV  
TGHKLKY.

