

Peptidyl-tRNA Hydrolase 2 Recombinant Protein | PTRH2 recombinant protein

Recombinant Human Peptidyl-tRNA Hydrolase 2

CATALOG #
AAA38857

HOST
E Coli

PRODUCT SYNONYMS

Peptidyl-tRNA Hydrolase 2; Recombinant Human Peptidyl-tRNA Hydrolase 2; PTRH2 Human; Peptidyl-tRNA Hydrolase 2 Human Recombinant; Peptidyl-tRNA hydrolase 2; mitochondrial; PTH 2; Bcl-2 inhibitor of transcription 1; PTRH2; BIT1; PTH2; CGI-147; FLJ32471; PTRH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The PTRH2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMEY KMILVVRNDL KMGKGKVAAQ CSHAAVSAYK QIQRNP EML KQWEYCGQPK VVVKAPDEET LIALLAHAKM LGLTVSLIQD AGRTQIAPGS QTVLGIGPGP ADLIDKVTGH LKLY
Sequence Length	179
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for PTRH2 recombinant protein	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. Introduction: 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 Categories/Family for PTRH2 recombinant protein	Enzymes; Hydrolase

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706351
NCBI GeneID	51651
NCBI Accession #	NP_057161.1
NCBI GenBank Nucleotide #	NM_016077.3
UniProt Accession #	Q9Y3E5; Q9NTE5; B3KUY4
Molecular Weight	19,194 Da
NCBI Official Full Name	peptidyl-tRNA hydrolase 2, mitochondrial

NCBI Official Synonym Full Names	peptidyl-tRNA hydrolase 2
NCBI Official Symbol	PTRH2
NCBI Official Synonym Symbols	BIT1; PTH2; CFAP37; CGI-147
NCBI Protein Information	peptidyl-tRNA hydrolase 2, mitochondrial; PTH 2; bcl-2 inhibitor of transcription 1; cilia and flagella associated protein 37
UniProt Protein Name	Peptidyl-tRNA hydrolase 2, mitochondrial
UniProt Gene Name	PTRH2
UniProt Synonym Gene Names	BIT1; PTH2; PTH 2
UniProt Entry Name	PTH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ptrh2-recombinant-protein-e-coli/38857>