

Recombinant Human PTRH2, His-tagged

Cat. No. PTRH2-31259TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PTRH2 with an N terminal His tag; 137aa, 14.9kDa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	116 amino acids
Description	PTRH2 (peptidyl-tRNA hydrolase 2), also known as BIT1, is a mitochondrial protein. During apoptosis, PTRH2 is released from the mitochondria to the cytoplasm.
Conjugation	HIS
Molecular Weight	14.900kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0% NoneConstituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHSSGLVPRGSHMEYKMILVVRNDLKMKGKVAQAQCSHAASAYKQI
QRRNPEMLKQWEYCGQPKVVVKAPDEETLIALLAHAKMLGLTVSLIQDAGRTQIAPG
SQTVLGIGPGPADLIDKVTGHLKLY

Sequence Similarities

Belongs to the PTH2 family.

GENE INFORMATION

Gene Name

PTRH2 peptidyl-tRNA hydrolase 2 [Homo sapiens]

Official Symbol

PTRH2

Synonyms

PTRH2; peptidyl-tRNA hydrolase 2; peptidyl-tRNA hydrolase 2, mitochondrial; Bcl 2 inhibitor of transcription; BIT1; CGI 147; PTH2;

Gene ID

51651

mRNA Refseq

NM_016077

Protein Refseq

NP_057161

MIM

608625

Uniprot ID

Q9Y3E5

Chromosome Location

17q23.2

Function

aminoacyl-tRNA hydrolase activity; hydrolase activity;

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