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Datasheet for ABIN7317219
PTRH2 Protein (His tag)

Overview

Quantity:	100 µg
Target:	PTRH2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTRH2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PTH2/PTRH2 Protein (His Tag)
Sequence:	Gly63-Tyr179
Characteristics:	A DNA sequence encoding the human PTRH2 (Q9Y3E5) (Gly63-Tyr179) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	PTRH2
Alternative Name:	PTH2/PTRH2 (PTRH2 Products)
Background:	Background: PTH2, also known as PTRH2, is a mitochondrial protein which belongs to the PTH2 family. PTH 2 is released during apoptosis from the mitochondria to the cytoplasm. The natural substrate for PTH 2 may be peptidyl-tRNAs which drop off the ribosome during protein synthesis. When in the cytoplasm, PTRH2 regulates the function of 2 transcriptional regulators,

Target Details

TLE5 and TLE1, thus promoting caspase-independent cell death.
Synonym: BIT1,CFAP37,CGI-147,IMNEPD,PTH,PTH 2,PTH2,PTRH2

Molecular Weight: 14.5 kDa

UniProt: [Q9Y3E5](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 10 % glycerol, pH 8.0

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.