

## PTRH2 抗原（重组蛋白）

中文名称： PTRH2 抗原（重组蛋白）

英文名称： PTRH2 Antigen (Recombinant Protein)

别名： peptidyl-tRNA hydrolase 2; BIT1; PTH2; CFAP37; CGI-147

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 63-179 amino acids of human PTRH2

### 技术规格

<b>Full name:</b>	peptidyl-tRNA hydrolase 2
<b>Synonyms:</b>	BIT1; PTH2; CFAP37; CGI-147
<b>Swissprot:</b>	Q9Y3E5
<b>Gene Accession:</b>	BC006807
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	PTRH2 (peptidyl-tRNA hydrolase 2), also known as BIT1 (Bcl-2 inhibitor of transcription 1), is a 179 amino acid mitochondrial protein. During apoptosis, PTRH2 is released from the mitochondria to the cytoplasm. Once in the cytoplasm, PTRH2 regulates the function of two transcriptional regulators, TLE5 and TLE1, thereby promoting caspase-independent cell death. It is also believed that the natural substrate for PTRH2 may be peptidyl-tRNAs, which leave the ribosomes during protein synthesis.