

**Recombinant Human PTH2 / PTRH2 Protein (His tag)**

**Cat.NO.: TP06823**

3th Edition

**Synonyms:**BIT1;CFAP37;CGI-147;IMNEPD;PTH;PTH 2;PTH2;PTRH2

**Description:** 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, TLE5 and TLE1, thus promoting caspase-independent cell death.

**Form:** PBS

**Molecular Weight:** 14.5 kDa

**Sequences:** Gly63-Tyr179

**Purity:** > 95% by HPLC

**Concentration:**

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.