



Recombinant Protein Technical Manual
Recombinant Human PTH2/PTRH2 Protein (His Tag)
RPES3756

Product Data:

Product SKU: RPES3756

Size: 20µg

Species: Human

Expression host: E. coli

Uniprot: Q9Y3E5

Protein Information:

Molecular Mass: 14.5 kDa

AP Molecular Mass: 14 kDa

Tag: N-His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: Please contact us for more information.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

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

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

Application:

Synonyms: BIT1;CFAP37;CGI47;IMNEPD;PTH;PTH 2;PTH2;PTRH2

Immunogen Information:

Sequence: Gly63-Tyr179

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