

Product datasheet for **TP750144**

Parathyroid Hormone (PTH) (NM_000315) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human parathyroid hormone (PTH),Ser32-Gln115, with N-terminal His-Trx tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Ser32-Gln115) of PTH
Tag:	N-His-Trx
Predicted MW:	30.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_000306
Locus ID:	5741
UniProt ID:	P01270
RefSeq Size:	828
Cytogenetics:	11p15.3
RefSeq ORF:	345
Synonyms:	FIH1; PTH1



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Summary:

This gene encodes a member of the parathyroid family of proteins. The encoded preproprotein is proteolytically processed to generate a protein that binds to the parathyroid hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and phosphate levels. Excess production of the encoded protein, known as hyperparathyroidism, can result in hypercalcemia and kidney stones. On the other hand, defective processing of the encoded protein may lead to hypoparathyroidism, which can result in hypocalcemia and numbness. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

Protein Families:

Druggable Genome, Secreted Protein

Product images: