IPTH Recombinant Protein

PRODUCT OVERVIEW

Product Name	IPTH, Recombinant Protein
Full Product Name	Recombinant bovine IPTH
Product Gene Name	IPTH recombinant protein
Product Synonym Names	Parathyroid hormone; Parathyrin; PTH
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Purity/Purification	Greater than 95% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	12,980 Da
Sequence Positions	26-115
3D Structure	ModBase 3D Structure for P01268
Species	bovine
Tag	N-terminal His-Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for IPTH recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for IPTH recombinant protein	MBS7614097 is a recombinant protein targeting IPTH. Also known as Recombinant bovine IPTH. Host: E Coli.
Other Notes	Small volumes of IPTH recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IPTH. It may not necessarily be applicable to this product.

NCBI GI #	31982386
NCBI GeneID	280903
NCBI Accession #	NP_776379.2
UniProt Primary Accession #	P01268
UniProt Related Accession #	P01268
GenBank Nucleotide #	NM_173954.2
NCBI Official Full Name	parathyroid hormone
NCBI Official Symbol	PTH

UniProt Protein Name	Parathyroid hormone
UniProt Synonym Protein Names	Parathyrin
UniProt Gene Name	PTH
UniProt Synonym Gene Names	PTH
NCBI Protein Information	parathyroid hormone
UniProt Comments for IPTH	PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion. Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells ().
Research Articles on IPTH	**1.** These data highlight the ability of PTH to phosphorylate beta-catenin directly via PKA.
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