

Recombinant Full Length Didelphis Marsupialis Virginiana Parathyroid Hormone/Parathyroid Hormone-Related Peptide Receptor(Pth1R) Protein, His-Tagged

Cat. No. RFL4228DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Didelphis marsupialis virginiana Parathyroid hormone/parathyroid hormone-related peptide receptor(PTH1R) Protein (P25107) (27-585aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Didelphis virginiana (North American opossum) (Didelphis marsupialis virginiana)
Source	E.coli
ProteinLength	Full Length of Mature Protein (27-585)
Form	Lyophilized powder
AA Sequence	DADDVITKEEQIILLRNAQAQCEQRLKEVLRVPELAESA KDWMSRSA TKKEKPAEK LYS QAEESREVS DRSRLQDGFCLPEWDNIVCWPAGVPGKV VAVPCPDYIYDFN HK GRAYRRCD SNGSWELVPGNNRTWANYSECVKFLTNETRERE VFDR LGMIYTVGY SISLGSLTVAVLIL GYFRRLHCTRNYIHMHLFVSFMLRAVSIFIKDAVLYSGVSTDEIER ITEEELRAFTEPPP ADKAGFVGCRVAVTVFLYFLTNNYYWILVEGLYLHSLIFMAFFS EKKYLWGFTLFGWGLP AVFVAVVWTVRATLANTECWDLSSGNKKWIIQVPILAAIVV NFILFINIIRVLATKLRET NAGRC DTRQQYRKLLKSTLVLMPLFGVHYIVFMATPYTEV SGILWQVQMHYEMLFNSFQG FFVAIIYCFCNGEVQAEIKKSWSRWTLALDFKR KAR SGSSTYSYGPMVSHTSVTNVGPRG GLALS LSPRLAPGAGASANGHHQLPGYVKH GSISENSLPSSGPEPGTKDDGYLNGSGLYE PMVGEQPPPLLEEERETVM

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	PTH1R
Synonyms	PTH1R; PTHR; PTHR1; Parathyroid hormone/parathyroid hormone-related peptide receptor; PTH/PTHrP type I receptor; PTH/PTHr receptor; Parathyroid hormone 1 receptor; PTH1 receptor
UniProt ID	P25107

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