

Recombinant Human PTH1R

Catalog No: #GP13333

Package Size: #GP13333-1 100ug

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Description

Product Name	Recombinant Human PTH1R
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 27-188 amino acids of human PTH1R
Target Name	parathyroid hormone 1 receptor
Other Names	PFE; PTHR; PTHR1
Accession No.	Swissprot:Q03431Gene Accession:BC031578
Uniprot	Q03431
GeneID	5745;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of the G-protein coupled receptor family 2. This protein is a receptor for parathyroid hormone (PTH) and for parathyroid hormone-like hormone (PTHrH). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system. Defects in this receptor are known to be the cause of Jansen's metaphyseal chondrodysplasia (JMC), chondrodysplasia Blomstrand type (BOCD), as well as enchondromatosis. Two transcript variants encoding the same protein have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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