

PTH1R 抗原（重组蛋白）

中文名称：PTH1R 抗原（重组蛋白）

英文名称：PTH1R Antigen (Recombinant Protein)

别名：PFE; PTHR; PTHR1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 27-188 amino acids of human PTH1R

技术规格：

Full name:	parathyroid hormone 1 receptor
Synonyms:	PFE; PTHR; PTHR1
Swissprot:	Q03431
Gene Accession:	BC031578
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 (PTH LH). 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.