
Recombinant human PTH1 receptor protein

Catalog Number: bs-43107P

AA Seq: 27-188/593

Predicted MW: 45.4

Tags: C-hFc

Purity: > 90% as determined by SDS-PAGE method

Form: Lyophilized or Liquid

Storage: 0.01M PBS.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

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 (PTHrP). 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. [provided by RefSeq, May 2010]

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.