

Recombinant Crab-eating macaque PTH1R Protein Product Manual

1. Product Basic Information

Product No.: REP07944

Protein Name: Pth1 Receptor (PTH1R)

Aliases: PFE; EKNS; PTHR; PTHR1; PTH1 receptor; PTH/PTHr receptor; PTH/PTHrP type I receptor; parathyroid hormone 1 receptor

UniProt ID: Q03431

UniProt Link: <https://www.uniprot.org/uniprotkb/Q03431/entry>

Species Source: *Macaca fascicularis* (Crab-eating macaque) (*Cynomolgus* monkey)

Expression System: *E. coli*

Protein Length: Partial (27-188aa)

Molecular Weight: 25.6 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (27-188aa)

DADDVMTKEEQIFLLHRAQAQCEKRLKEVLQRPANIMESDKGWTSTSTSGKPRKD
KPSGKLYPESEEDKEAPTGSRYRGRPCLPEWDHILCWPLGAPGEVAVPCPDYIY
DFNHKGHAYRRCRNGSWELVPGHNRTWANYSECVKFLTNETREREVFDRLG

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Crab-eating macaque PTH1R partial protein (27-188aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. PTH1R, also known as PFE or EKNS or PTHR, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.