

Recombinant Human PTGER3 Protein Product Manual

1. Product Basic Information

Product No.: REP07940

Protein Name: Prostanoid Ep3 Receptor (PTGER3)

Aliases: EP3; EP3e; EP3-EP3-II; EP3-IV; EP3-VI; PGE2-EP3-III; Inc003875; prostanoid EP3 receptor; PGE receptor, EP3 subtype; PGE2 receptor EP3 subtype; prostaglandin E2 receptor EP3 subtype; prostaglandin E re...

UniProt ID: P43115

UniProt Link: <https://www.uniprot.org/uniprotkb/P43115/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-53aa)

Molecular Weight: 12.5 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-53aa)

MKETRGYGGDAPFCTRLNHSYTGWAPERSAEARGNLTRPPGSGEDCGSVSVA

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

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 Human PTGER3 partial protein (1-53aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. PTGER3, also known as EP3 or EP3e or EP3-EP3-II, 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.