

Recombinant Mouse PTGER2 Protein Product Manual

1. Product Basic Information

Product No.: REP07939

Protein Name: Cox-Prostanoid Ep2 Receptor (PTGER2)

Aliases: EP2; COX-prostanoid EP2 receptor; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype; prostaglandin E receptor 2 (subtype EP2), 53kD; prostaglandin E receptor 2 (subtype EP2), 53kDa

UniProt ID: P43116

UniProt Link: <https://www.uniprot.org/uniprotkb/P43116/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (324-362aa)

Molecular Weight: 4.3 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (324-362aa)

RLMRSVLCCRTSLRTQEAQQTSCSTQSSASKQTDLCGQL

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 Mouse PTGER2 partial protein (324-362aa) expressed in E.coli. The protein is tag-free. PTGER2, also known as EP2 or COX-prostanoid EP2 receptor or PGE receptor EP2 subtype, 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.