

Recombinant Mouse PTGER4 Protein Product Manual

1. Product Basic Information

Product No.: REP07941

Protein Name: Prostanoid Ep4 Receptor (PTGER4)

Aliases: EP4; EP4R; prostanoid EP4 receptor; PGE receptor, EP4 subtype; PGE2 receptor EP4 subtype; prostaglandin E receptor 4 (subtype EP4)

UniProt ID: P35408

UniProt Link: <https://www.uniprot.org/uniprotkb/P35408/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (361-513aa)

Molecular Weight: 16.6 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (361-513aa)

RKTVLSKAIEKIKCLFCRIGGSGRDSSAQHCSESRRRTSSAMSGHSRSFLARELKEIS
STSQTLLYLPLDTESSLGGRNLLPGSHGMGLTQADTTSLRTRLRISETSDSSQGQDS
ESVLLVDEVSGSHREEPASKGNSLQVTFPSETLKLSEKCI

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 PTGER4 partial protein (361-513aa) expressed in E.coli. The protein is tag-free. PTGER4, also known as EP4 or EP4R or prostanoid EP4 receptor, 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.