Recombinant Mouse Fcgr3 Protein Product Manual

1. Product Basic Information

Product No.: REP06866

Protein Name: Fcgr3Low Affinity Immunoglobulin Gamma Fc Region Receptor Iii (Fcgr3)

Aliases: Fcgr3Low affinity immunoglobulin gamma Fc region receptor III; IgG Fc receptor III

UniProt ID: P08508

UniProt Link: https://www.uniprot.org/uniprotkb/P08508/entry

Species Source: Mus musculus (Mouse)

Expression System: Mammalian cell

Protein Length: Extracellular Domain (31-215aa)

Molecular Weight: 25.2kDa

Protein Tag: N-terminal 6xHis-Myc-tagged

2. Amino Acid Sequence (31-215aa)

ALPKAVVKLDPPWIQVLKEDMVTLMCEGTHNPGNSSTQWFHNGRSIRSQVQASYT
FKATVNDSGEYRCQMEQTRLSDPVDLGVISDWLLLQTPQRVFLEGETITLRCHSWR
NKLLNRISFFHNEKSVRYHHYKSNFSIPKANHSHSGDYYCKGSLGSTQHQSKPVTIT
VQDPATTSSISLVWYHT

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 Fcgr3 extracellular domain protein (31-215aa) expressed in Mammalian cell. The protein is with 6xHis-Myc tag at the N-terminus, which facilitates protein purification, detection and identification. Fcgr3, also known as Fcgr3Low affinity immunoglobulin gamma Fc region receptor III or IgG Fc receptor III, 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.