



Recombinant Mouse Fc μ r Protein Product Manual

1. Product Basic Information

Product No.: REP06870

Protein Name: Ig μ Fc μ r (Fc μ r)

Aliases: TOSO; FAIM3; Fc μ R; IgM FcR; Fc μ receptor; IgM Fc receptor; IgM Fc fragment receptor; Fc fragment of IgM receptor; immunoglobulin μ Fc receptor

UniProt ID: A1KXC4

UniProt Link: <https://www.uniprot.org/uniprotkb/A1KXC4/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Extracellular Domain (18-262)

Molecular Weight: 43.9kDa

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

2. Amino Acid Sequence (18-262)

RVLPEVQLNVEWGGSIIECPLPQLHVRMYLCRQMAKPGICSTVVSNTFVKKEYERR
VTLTPCLDKKLFLVEMTQLTENDDGIYACGVGMKTDKGKTQKITLNVHNEYPEPFW
EDEWTSERPRWLHRFLQHQMPLHGHSEHPSSSGVIAKVTTTPAPKTEAPPVHQPSS
ITSVTQHPRVYRAFSVSATKSPALLPATTASKTSTQQAIRPLEASYSHHTRLHEQRT
RHHGPHYGREDRGLHIPIE

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



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
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 Fcμr extracellular domain protein (18-262) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. Fcμr, also known as TOSO or FAIM3 or FcμuR, 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.