

Recombinant Human PSME1 Protein Product Manual

1. Product Basic Information

Product No.: REP07932

Protein Name: 29-Kd Mcp Activator Subunit (PSME1)

Aliases: PA28A; IFI5111; REGalpha; PA28alpha; HEL-S-129m; IGUP I-5111; 29-kD MCP activator subunit; interferon-gamma IEF SSP 5111; interferon gamma up-regulated I-5111 protein

UniProt ID: Q06323

UniProt Link: <https://www.uniprot.org/uniprotkb/Q06323/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-249aa)

Molecular Weight: 55.7kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-249aa)

MAMLRVQPEAQAKVDVFRDLCTKTENLLGSYFPKKISELDAFLKEPALNEANLSNL
KAPLDIPVDPVKEKEKEERKKQKEKEDKDEKKGEDDKGPPCGPVNCNEKIVVL
LQRLKPEIKDVIEQLNLVTTWLQLQIPRIEDGNNFGVAVQEKFELMTSLHTKLEGFH
TQISKYFSERGDVTKAAKQPHVGDYRQLVHELDEAEYRDIRLMVMEIRNAYAVLY
DIILKNFEKLLKPRGETKGMIV

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



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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 PSME1 full length protein (1-249aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. PSME1, also known as PA28A or IFI5111 or REGalpha, 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.