



Recombinant Human PSME3 Protein Product Manual

1. Product Basic Information

Product No.: REP07934

Protein Name: Ki Antigen (PSME3)

Aliases: Ki; PA28G; HEL-S-283; PA28gamma; REG-GAMMA; Ki antigen; PA28-gamma; REG gamma-Ki nuclear autoantigen; proteasome activator 28-gamma; 11S regulator complex subunit gamma; epididymis secretory protein L...

UniProt ID: P61289

UniProt Link: <https://www.uniprot.org/uniprotkb/P61289/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (2-252aa)

Molecular Weight: 56.1kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (2-252aa)

ASLLKVDQEVKLVDSFRERITSEAEDLVANFFPKKLELDSFLKEPILNIHDLTQIHS
DMNLPVPDPILLTNSHDGLDGPTYKKRRRLDECEEFQGTKVFMVMPNGMLKSNQQL
VDIIEKVKPEIRLLIEKCNTVKMWVQLLPRIEDGNNFGVSIQEETVAELRTVESEAAS
YLDQISRYITRAKLVSKIAYKYPHVEDYRRTVTEIDEKEYISLRLIISELRNQYVTLHDM
ILKNIEKIKRPRSSNAET

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 PSME3 partial protein (2-252aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. PSME3, also known as Ki or PA28G or HEL-S-283, 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.