

Recombinant Human PSMA1 Protein Product Manual

1. Product Basic Information

Product No.: REP07923

Protein Name: Protein P30-33K (PSMA1)

Aliases: NU; HC2; PROS30; PROS-30; alpha-HEL-S-275; protein P30-33K; proteasome nu chain; macropain subunit C2; macropain subunit nu; proteasome subunit nu; 30 kDa prosomal protein; proteasome component C2; mu...

UniProt ID: P25786

UniProt Link: <https://www.uniprot.org/uniprotkb/P25786/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-251aa)

Molecular Weight: 32.2kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-251aa)

MFRNQYDNDVTWVSPQGRIHQIEYAMEAVKQGSATVGLKSKTHAVLVALKRAQSE
LAAHQKKILHVDNHIGISIAGLTADARLLCNFMRQECLDSRFVFDRLPLPVSRLVSLIG
SKTQIPTQRYGRRPYGVGLLIAGYDDMGPHIFQTCPSANYFDCRAMSIGARSQSAR
TYLERHMSEFMECNLNELVKHGLRALRETLPAEQDLTTKNVSIQIVGKDLEFTIYDD
DDVSPFLEGLEERPQRKAQPAQPAD

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



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

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 PSMA1 partial protein (1-251aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. PSMA1, also known as NU or HC2 or PROS30, 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.