

# Human PSMA5 Recombinant Protein



RPPB2200

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## Product Information    Protein Information

**Product SKU:**

RPPB2200

**Accession:**

P28066

**Host:**

E.coli.

**Protein description:**

PSMA5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 277 amino acids (1-241) and having a molecular mass of 30.5kDa. PSMA5 is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Proteasome subunit alpha type-5, Macropain zeta chain, Multicatalytic endopeptidase complex zeta chain, Proteasome zeta chain, PSMA5, PSC5, ZETA.

**Formulation:**

The PSMA5 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 100mM NaCl.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMLT RSEYDRGVNT FSPEGRLFQV EYAIEAIKLG  
STAIGIQTSE GVCLAVEKRI TSPLMEPSSI EKIVEIDAH I GCAMSGLIAD AKTLIDKARV ETQNHWFYTN  
ETMTVESVTQ AVSNLALQFG EEDADPGAMS RPFGVALLFG GVDEKGPQLF HMDPSGTFVQ CDARAIGSAS  
EGAQSSLQEV YHKSMTLKEA IKSSLILKQ VMEEKLNATN IELATVQPGQ NFHMFTKEEL EEVIKDI.