

Human PSMA1 Recombinant Protein



RPPB2196

Product Information Protein Information

Product SKU:

RPPB2196

Accession:

P25786

Host:

E.coli.

Protein description:

PSMA1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 286 amino acids (1-263) and having a molecular mass of 32.0 kDa. PSMA1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Proteasome (prosome macropain) subunit alpha type 1, PROS30, HC2, NU, Macropain subunit C2, Multicatalytic endopeptidase complex subunit C2, Proteasome component C2, Proteasome nu chain, 30 kDa prosomal protein, protein P30-33K, PROS-30, PSC2, EC 3.4.25.1.

Formulation:

The PSMA1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 10% glycerol.

Purity:

Greater than 95% 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:

MGSSHHHHHH SGLVPRGSH MGS MFRNQYD NDVTWSPQG RIHQIEYAME AVKQGSATVG LKSKTHAVLV
ALKRAQSELA AHQKKILHVD NHIGISIAGL TADARLLCNF MRQECLDSRF VFDRPLVSR LVSLIGSKTQ
IPTQRYGRRP YGVGLLIAGY DDMGPHIFQT CPSANYFDCR AMSIGARSQS ARTYLERHMS EFMECNLNEL
VKHGLRALRE TLPAEQDLTT KNV SIGIVGK DLEFTIYDDD DVSPFLEGLE ERPQRKAQPA QPADEPAEKA
DEPMEH