

RPPB2979

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## Product Information    Protein Information

**Product SKU:**

RPPB2979

**Accession:**

P04632

**Host:**

Escherichia Coli.

**Protein description:**

CAPNS1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 208 amino acids (84-268) and having a molecular mass of 23.8 kDa. CAPNS1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Calpain Small Subunit 1, CAPN4, Calcium-Activated Neutral Proteinase Small Subunit, Calcium-Dependent Protease Small Subunit 1, Calpain Regulatory Subunit, CANP Small Subunit, CDPS, CSS1, Calcium-Dependent Protease Small Subunit, Calcium-Dependent Protease Small Subunit, Calpain 4 Small Subunit (30K), Calpain Small Polypeptide, Calpain Small Subunit 1, CALPAIN4, CANPS, CAPNS, CANP, CAPNS1.

**Formulation:**

The CAPNS1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Purity:**

Greater than 95.0% 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 MGRTHYSNI EANESEEVQR FRRLFAQLAG DDMEVSATEL MNILNKVVTR  
HPDLKTDGFG IDTCRSMVAV MDSDTTGKLG FEEFKYLWNN IKRWQAIYKQ FDTDRSGTIC SSELPGAFAE  
AGFHLNEHLY NMIIRRYSDE SGNMDFDNFI SCLVRLDAMF RAFKSLDKDG TGQIQVNIQE WLQLTMYS.