

# Human NAPSA Recombinant Protein



RPPB1998

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## Product Information    Protein Information

**Product SKU:**

RPPB1998

**Accession:**

O96009

**Host:**

Escherichia Coli.

**Protein description:**

NAPSA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 380 amino acids (64-420 a.a) and having a molecular mass of 40.9kDa. NAPSA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Napsin A Aspartic Peptidase, NAP1, NAPA, Kidney-Derived Aspartic Protease-Like Protein, Aspartyl Protease 4, TA01/TA02, Napsin-1, SNAPA, Asp 4, ASP4, CTB-191K22.6, EC 3.4.23.15, Pronapsin A, EC 3.4.23.5, EC 3.4.23.3, EC 3.4.23.-, EC 3.4.23, Napsin-A, KDAP, KAP,Napsin-A.

**Formulation:**

NAPSA protein solution (0.25mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

**Purity:**

Greater than 90.0% 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 MGSKPIFVPL SNYRDVQYFG EIGLGTTPPQN FTVAFDTGSS NLWVPSRRCH  
FFSVPCWLHH RFDPKASSF QANGTKFAIQ YGTGRVDGIL SEDKLTIGGI KGASVIFGEA LWEPSLVFAF  
AHFDGILGLG FPILSVEGVR PPM DVLVEQG LLDKPVFSFY LNRDPEEPDG GELVLGGSDP AHYIPPLTFV  
PVTVPAYWQI HMERVKVGPG LTLCAKGCAA ILDTGTSIT GPTEEIRALH AAIGGIPLLA GEYIILCSEI  
PKLPAVSFLL GGVWFNLTAH DYVIQTTRNG VRLCLSGFQA LDVPPPAGPF WILGDVFLGT YVAVFDRGDM  
KSSARVGLAR ARTRGADLGW GETAQAQFPG.