

## Napsin A Aspartic Peptidase Human Recombinant

<b>Item Number</b>	rAP-1481
<b>Synonyms</b>	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,
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	O96009
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSKPIFVPL SNYRDVQYFG EIGLGTPPQN FTVAFDTGSS NLWVPSRRCH FFSVPCWLHH RFDPKASSSF QANGTKFAIQ YGTGRVDGIL SEDKLTIGGI KGASVIFGEA LWEPSLVFAF AHFDGILGLG FPILSVEGVR PPMDVLVEQG LLDKPVFSFY  LNRDPEEPDG GELVLGGSDP AHYIPPLTFV PVTVPAYWQI HMERVKVGP LTLCAKCAA ILDTGTSLIT GPTEEIRALH AAIGGIPLLA GEYIILCSEI PKLPAVSFLL GGWVFNLTAH DYVIQTRNG VRLCLSGFQA LDVPPPAGPF WILGDVFLGT YVAVFDRGDM KSSARVGLAR
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	NAPSA protein solution (0.25mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**