

Recombinant Human NAPSA protein, His-tagged

Cat. No. NAPSA-3262H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAPSA protein(O96009)(64-420aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	64-420aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.5 kDa
AA Sequence	KPIFVPLSNYRDVQYFGEIGLGTTPQNFTVAFDTGSSNLWVPSRRCHFFSVPCWLH HRFDPKASSSFQANGTKFAIQYGTGRVDGILSEDKLTIGGIKGASVIFGEALWEPSLV FAFAHFDGILGLGFPILSVEGVRPPMDVLVEQGLLDKPVFSFYLNRPDPEPDGGELV LGGSDPAHYIPPLTFVPVTPAYWQIHMERVKVGPGLTLCAKGCAAILDTGTSLITGP TEEIRALHAAIGGIPLLAGEYIILCSEIPKLPAVSFLLGGVWFNLTAHDYVIQTTRNGVR LCLSGFQALDVPPPAGPFWILGDVFLGTYVAVFDRGDMKSSARVGLARARTRGADL GWGETAQAQFPG
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	NAPSA napsin A aspartic peptidase [Homo sapiens]
Official Symbol	NAPSA
Synonyms	NAPSA; napsin A aspartic peptidase; napsin-A; KAP; Kdap; kidney derived aspartic protease like protein; NAP1; NAPA; ASP4; asp 4; napsin-1; TA01/TA02; pronapsin A; aspartyl protease 4; kidney-derived aspartic protease-like protein; SNAPA;
Gene ID	9476
mRNA Refseq	NM_004851
Protein Refseq	NP_004842
MIM	605631
UniProt ID	O96009