

## Recombinant Human NAPSA protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NAPSA protein(O96009)(64-420aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	64-420aa
<b>Form</b>	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.
<b>Molecular Mass</b>	42.5 kDa
<b>AA Sequence</b>	KPIFVPLSNYRDVQYFGEIGLGTTPQNFTVAFDTGSSNLWVPSRRCHFFSVPCWLH HRFDPKASSSFQANGTKFAIQYGTGRVDGILSEDKLTIGGIKASVIFGEALWEPSLV FAFAHFDGILGLGFPILSVGVRPPMDVLVEQGLLDKPVFSFYLNDRDPEEPDGGELV LGGSDPAHYIPPLTFVPVTPAYWQIHMERVKVGPGLTLCAKGCAAILDTGTSLITGP TEEIRALHAAIGGIPLLAGEYIILCSEIPKLPVAVSFLGGVWFNLTAHDYVIQTTRNGVR LCLSGFQALDVPPPAGPFWILGDVFLGTYVAVFDRGDMKSSARVGLARARTRGADL GWGETAQAQFPG
<b>Purity</b>	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

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