

Recombinant Human PROS1 protein, His-tagged

Cat. No. PROS1-713H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PROS1 protein(NP_000304)(328-676 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	328-676 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	DFRTYDSEGVILYAESIDHSAWLLIALRGGKIEVQLKNEHTSKITGGDVINNGLWNM VSVEELEHSISIKIAKEAVMDINKPGPLFKPENGLLETKVYFAGFPRKVESELIKPINPR LDGCIRSWNLMKQGASGIKEIIQEKQNKHCLVTVEKGSYYPGSGIAQFHIDYNNVSS AEGWHVNVTLNIRPSTGTGVMALVSGNNTVPFAVSLVDSTSEKSQDILLSVENTVIY RIQALSLCSDQQSHLEFRVNRNNLELSTPLKIETISHEDLQRQLAVLDKAMKAKVATY LGGLPDVPFSATPVNAFYNGCMEVNINGVQLDLDEAISKHNDIRAHSCPSVWKKTKN S
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH 7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [PROS1 protein S \(alpha\) \[Homo sapiens \]](#)

Official Symbol [PROS1](#)

Synonyms PROS1; protein S (alpha); PROS; vitamin K-dependent protein S; protein Sa; vitamin K-dependent plasma protein S; PSA; PS21; PS22; PS23; PS24; PS25; THPH5; THPH6;

Gene ID [5627](#)

mRNA Refseq [NM_000313](#)

Protein Refseq [NP_000304](#)

MIM [176880](#)

UniProt ID [P07225](#)

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