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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	DFRTYDSEGVILYAESIDHSAWLLIALRGGKIEVQLKNEHTSKITTGGDVINNGLWNM VSVEELEHSISIKIAKEAVMDINKPGPLFKPENGLLETKVYFAGFPRKVESELIKPINPR LDGCIRSWNLMKQGASGIKEIIQEKQNKHCLVTVEKGSYYPGSGIAQFHIDYNNVSS AEGWHVNVTLNIRPSTGTGVMLALVSGNNTVPFAVSLVDSTSEKSQDILLSVENTVIY 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Reconstitution	Reconstitute at 0.25 ḡ/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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