

Native Human Protein S

Cat. No. S-52H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified protein from human plasma - liquid
Species	Human
Source	Human Plasma
Form	TRIS buffered saline
Molecular Mass	69000
Purity	SDS PAGE: >95%Single band at 69 kDa on SDS-PAGE gels, and a doublet upon incubation with 2-mercaptoethanol.
Storage	Store at -20 °C only.Storage in frost-free freezers is not recommended.This product should be stored undiluted.Avoid repeated freezing and thawing as this may denature the antibody.Should this product contain a precipitate we recommend micr°C centrifugation before use.If stored in this manner, this product is stable for 18 months after receipt.
Concentration	1.0 mg/ml
Preservative	1mM Benzamidine

GENE INFORMATION

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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
Chromosome Location	3p11-q11.2
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem; Common Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem;
Function	calcium ion binding; endopeptidase inhibitor activity;

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