

Recombinant Full Length Human PROS1 Protein, His tagged

Cat. No. PROS1-214H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PROS1 (P07225) (Met1-Ser676), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-676 a.a.
Predicted N Terminal	Asn 25
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human PROS1 consists of 663 amino acids and predicts a molecular mass of 74.1 KDa. It migrates as an approximately 69-89 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

Official Symbol [PROS1](#)

Gene ID [5627](#)

mRNA Refseq [NM_000313](#)

Protein Refseq [NP_000304](#)

MIM [176880](#)

UniProt ID [P07225](#)

**Chromosome
Location** [3p11-q11.2](#)

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