

## Active Recombinant Human F7 protein, His-tagged

Cat. No. F7-3908H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human F7 protein(08709-1)(Ala 61 - Pro 466), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala 61 - Pro 466
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5. Normally Trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	The specific activity is >80 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	The protein has a calculated MW of 47.1 kDa. The protein migrates as 50-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** F7 coagulation factor VII (serum prothrombin conversion accelerator) [ Homo sapiens ]

**Official Symbol** F7

**Synonyms** F7; coagulation factor VII (serum prothrombin conversion accelerator); coagulation factor VII; eptacog alfa; factor VII; FVII coagulation protein; SPCA; proconvertin; serum prothrombin conversion accelerator

**Gene ID** 2155

**mRNA Refseq** NM\_000131

**Protein Refseq** NP\_000122

**MIM** 613878

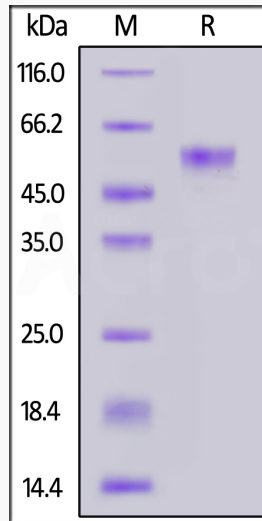
**UniProt ID** P08709

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**SDS-PAGE**



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