

Active Recombinant Human F7 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human F7 protein(08709-1)(Ala 61 - Pro 466), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 61 - Pro 466
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris,150 mM NaCl, pH7.5. Normally Trehalose is added as protectant before lyophilization.
Bio-activity	The specific activity is >80 pmol/min/µg, as measured under the described conditions.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	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

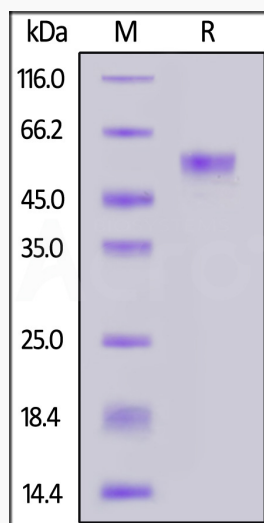
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SDS-PAGE



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