

## Active Recombinant Human F7 Protein, His-tagged

Cat. No. F7-720H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human F7 (Accession # NP_062562) Ala39-Pro444, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Ala39-Pro444
<b>Predicted N Terminal</b>	Ala39
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Sodium Acetate and NaCl.
<b>Bio-activity</b>	Measured by its ability to cleave the fluorogenic peptide substrate Boc-VPR-AMC. The specific activity is >50 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human F7, His-tagged has a calculated MW of 46 kDa. In SDS-PAGE migrates as 60 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**Reconstitution** Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## 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

**Chromosome Location** 13q34

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