

## 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 µg/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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