



# Recombinant Human Coagulation factor XII (F12), partial

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP007918HU  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | P00748  |
| <b>Storage Buffer</b>    | Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0  |
| <b>Product Type</b>      | Recombinant Proteins  |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | I PPWEAPKEHK YKAEETHVVL TVTGEPCHFP FQYHRQLYHK<br>CTHKGRPGPQ PWCATTPNFD QDQRWGYCLE PKKVKDHCSK<br>HSPCQKGGTC VNMPSPGHCL CPQHLTGNHC QKEKCFEPQL LRFHFKNEIW<br>YRTEQAAVAR CQCKGPDAHC QRLASQACRT NPCLHGGRCCL<br>EVEGHRLLCHC PVGYTGAFCD VDTKASCYDG RGLSYRGLAR TTLSGAPCQP<br>WASEATYRNV TAEQARNWGL GGHAFCRNPD NDIRPWCFVL<br>NRDRLSWEYC DLAQCQTPTQ AAPPTPVSPR LHVPLMPAQP APPKPQPTTR<br>TPPQSQTPGA LPAKREQPPS LTRNGPLSCG QRLRKSLSM TR |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | F12   |
| <b>Protein Names</b>     | Recommended name: Coagulation factor XII EC= 3.4.21.38<br>Alternative name(s): Hageman factor<br>Short name= HAF<br>Cleaved into the following 4 chains: 1. Coagulation factor XIIa heavy chain 2. Beta-factor XIIa part 1 3. Beta-fac  |
| <b>Expression Region</b> | 20-372  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Partial   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                 |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life   |



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