



# Recombinant Rat Coagulation factor XII (F12), partial

<b>Product Code</b>	CSB-MP007918RA
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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>	D3ZTE0
<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>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	A PPWKSKEFKD GAGDPSVVLV VDGKLCHFPP QYHRRLYHKC IHKGQPGSRP WCATTPNFDE DQQWGYCLEP KKVKDHCSEK SPCHKGGTCV NTPNGPHCLC PEHLTGKHCQ REKCFESQLL KFFHENEIWF RTGPGGVARC QCKGPQAVCK LLTSQVCRVN PCLNGGTCLL VEDHRLCHCP AGYAGPFCDL DLKATCYEDR GLSYRGQAKT TLSGAPCQRW ASEATYRNMT ETQALSWGLG HHAFCRNPDN DTRPWCYVWS GDRLSWDYCD LEQCQMPTLT SPVSPESHDM LKPRPPIQS SPRDSTRNQN VVSRTSTVVC GQFRKRLSS LRR
<b>Source</b>	Mammalian cell
<b>Target Names</b>	F12
<b>Protein Names</b>	Recommended name: Coagulation factor XII EC= 3.4.21.38 Alternative name(s): Hageman factor Short name= HAFC Cleaved into the following 2 chains: 1. Coagulation factor XIIa heavy chain 2. Coagulation factor XIIa light chain
<b>Expression Region</b>	20-353
<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. 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.