

Recombinant Coagulation Factor XII (F12) Instruction Manual

SIPA622Ra02

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	56.0kDa
Accurate Molecular Mass	60kDa(Analysis of differences refer to the manual)
Residues & Tags	Val354~Phe595 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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VVGGGLVA LPGSHPYIAA LYWGDSFCAG SLIDPCWVLT AAHCLQKRPA
PEELTVVLGQ DRHNQSCERC QTLAVHSYRL HEGFSSKTYQ HDLALLRLRG
RKNSCAILSP HVQPVCLPSS AAPPSETVLC EVAGWGHQFE GAE EYATFLQ
EAQVPFISLD RCSSSNVHGD AILPGMLCAG FLEGGADACQ GDSGGPLVCD
EGVTERQLTL RGVISWGSGC GDRNKPGVYT DVANYLDWIQ EHTAF
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

