

Recombinant Rat F11 protein, His & GST-tagged

Cat. No. F11-1862R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat F11 aa. (Ile275~Gly516) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile275~Gly516
Form	Freeze-dried powder
Molecular Mass	57kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	F11 coagulation factor XI [Rattus norvegicus (Norway rat)]
Official Symbol	F11
Synonyms	CYP1A1; cytochrome P450 family 1 subfamily A member 1; AHH; AHRR; CP11; CYP1; CYP1A1; P1-450; P450-C; P450DX; cytochrome P450 1A1; aryl hydrocarbon hydroxylase; cytochrome P1-450, dioxin-inducible; cytochrome P450 form 6; cytochrome P450, family 1, subfamily A, polypeptide 1; cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 1; cytochrome P450-C; cytochrome P450-P1; flavoprotein-linked monooxygenase; xenobiotic monooxygenase
Gene ID	290757
mRNA Refseq	NM_001047848.1

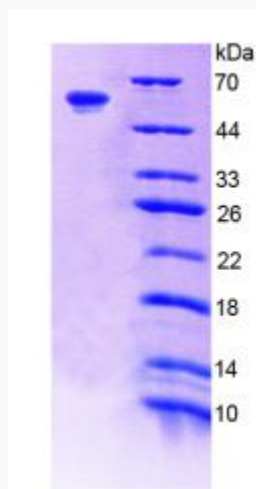
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Protein Refseq NP_001041313.1

UniProt ID Q6TUF8



SDS-PAGE

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