Recombinant Rat Cfb protein, His & MBP-tagged

Cat. No. Cfb-2110R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cfb aa. (Val34~Asp159 (Accession # G3V615)) fused with N-terminal His & MBP tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val34~Asp159
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.4.
Applications	SDS-PAGE; WB; ELISA; IP.
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

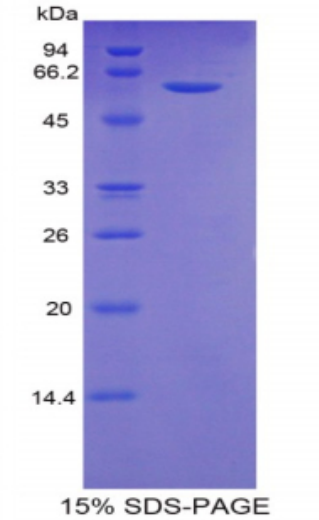
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Cfb complement factor B [Rattus norvegicus (Norway rat)]
Official Symbol	Cfb
Synonyms	SERPINA2; serpin family A member 2 (gene/pseudogene); ATR; PIL; ARGS; psiATR; SERPINA2P; putative alpha-1-antitrypsin-related protein; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 2; serpin A2; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 2, pseudogene
Gene ID	294257
mRNA Refseq	NM_212466.3
Protein Refseq	NP_997631.2
UniProt ID	G3V615

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SDS-PAGE

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