Recombinant Rat Cfb protein, His & GST-tagged

Cat. No. Cfb-2109R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cfb aa. (Val34~Asp159 (Accession # G3V615)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val34~Asp159
Form	Freeze-dried powder
Molecular Mass	41 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
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	RUNX1; runt related transcription factor 1; AML1; CBFA2; EVI-1; AMLCR1; PEBP2aB; CBF2alpha; AML1-EVI-1; PEBP2alpha; runt-related transcription factor 1; AML1-EVI-1 fusion protein; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B; RUNX1/ZNF687 fusion; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit; acute myeloid leukemia 1 protein; core-binding factor, runt domain, alpha subunit 2; oncogene AML-1; polyomavirus enhancer-binding protein 2 alpha B subunit
Gene ID	294257
mRNA Refseq	NM_212466.3
Protein Refseq	NP_997631.2
UniProt ID	G3V615

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