

Recombinant Mouse Cfp Protein, His-tagged

Cat. No. Cfp-769M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cfp Protein (Ser23-Pro464) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser23-Pro464
Description	Involved in complement activation, alternative pathway. Located in extracellular space and secretory granule. Is expressed in embryo; liver left lobe; and liver right lobe. Human ortholog(s) of this gene implicated in X-linked properdin deficiency. Orthologous to human CFP (complement factor properdin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 51.6 kDa; Accurate Molecular Mass: 52 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Cfp complement factor properdin [*Mus musculus* (house mouse)]

Official Symbol

Cfp

Synonyms

CFP; complement factor properdin; properdin; complement factor P; properdin factor, complement; Pfc; BCFG;

Gene ID

18636

mRNA Refseq

NM_008823

Protein Refseq

NP_032849

UniProt ID

P11680

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