

## Recombinant Mouse Cfp Protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Cfp Protein (Ser23-Pro464) with His tag was expressed in E. coli.                                                                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Ser23-Pro464                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | 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). |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 51.6 kDa; Accurate Molecular Mass: 52 kDa                                                                                                                                                                                                                                              |
| <b>Purity</b>           | > 80%                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | 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

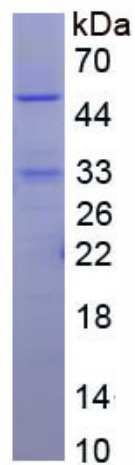
**UniProt ID**

P11680

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