

Recombinant Rat Cfp Protein, His-tagged

Cat. No. Cfp-770R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cfp Protein (Asp24-Pro465) with His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asp24-Pro465
Description	The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 51.8 kDa; Accurate Molecular Mass: 52 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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 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

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Cfp complement factor properdin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Cfp

Synonyms

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

Gene ID

299314

mRNA Refseq

NM_001106757

Protein Refseq

NP_001100227

UniProt ID

B0BNN4

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