

# Active Recombinant Rhesus macaque/Cynomolgus CFD protein, His-tagged

**Cat. No.** CFD-3029R    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus macaque/Cynomolgus CFD protein(Ile 26-Ala 253), fused with His tag, was expressed in HEK293.
<b>Species</b>	Cynomolgus/Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ile 26-Ala 253
<b>Form</b>	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 150 mM NaCl, pH8.0. Normally glycerol is added as protectant before lyophilization.
<b>Bio-activity</b>	Measured by its ability to cleave a colorimetric peptide substrate, N-carbobenzyloxy-L-lys-ThioBenzyl ester (Z-Lys-SBzl), in the presence of 5,5'Dithio-bis (2-nitrobenzoic acid) (DTNB). The specific activity is >40 pmol/min/μg.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 26.5 kDa. The protein migrates as 25-27 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per μg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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