

Active Recombinant Cynomolgus C2 protein, His-tagged

Cat. No. C2-1878C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus C2 protein(XP_005553508.1)(Ala 21 - Leu 752), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Ala 21 - Leu 752
Form	Lyophilized from 0.22 µm filtered solution in 20 mM Tris,150 mM NaCl,Ph 7.5 with Trehalose as protectant.
Bio-activity	Measured by its ability to cleave a colorimetric peptide substrate, N-carbobenzyloxy-Gly-Arg-ThioBenzyl ester (Z-GR-SBzl), in the presence of 5,5'Dithio-bis (2-nitrobenzoic acid) (DTNB).The specific activity is >100 pmol/min/g.
Molecular Mass	The protein has a calculated MW of 83.0 kDa. The protein migrates as 90-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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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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