

Active Recombinant Rhesus macaque EGFR protein, His-tagged

Cat. No. EGFR-61C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus macaque EGFR Protein (25-645aa), was expressed in HEK293 with C-terminal His tag.
Species	Rhesus macaque
Source	HEK293
ProteinLength	25-645 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Rhesus macaque EGF R, His Tag at 2 µg/mL (100 µL/well) can bind Cetuximab with a linear range of 0.2-3 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 70.5 kDa. The protein migrates as 80-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu25-Ser645
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after 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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