

# Recombinant Monkey EGFR Protein, His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** EGFR-1227RAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus EGFR Protein (XP_001107305.1, 1-645aa), was expressed in Insect Cells with C-terminal His tag and Alexa Fluor 555 conjugate.
<b>Species</b>	Monkey
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-645 aa
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant rhesus EGFR consists 632 amino acids and predicts a molecular mass of 70.1 kDa.
<b>N-terminal Sequence Analysis</b>	Leu 25
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be

 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

	efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	EGFR epidermal growth factor receptor [ <a href="#">Macaca mulatta</a> ]
<b>Official Symbol</b>	EGFR
<b>Synonyms</b>	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)
<b>Gene ID</b>	613027

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