

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

Cat. No. EGFR-1228RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus EGFR Protein (XP_001107305.1, 1-645aa), was expressed in HEK293 with C-terminal His tag and Alexa Fluor 555 conjugate.
Species	Monkey
Source	HEK293
ProteinLength	1-645 aa
Form	Lyophilized
Molecular Mass	The recombinant rhesus EGFR consists 632 amino acids and predicts a molecular mass of 70.1 kDa.
N-terminal Sequence Analysis	Leu 25
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Characteristic	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  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.

Stability

Samples are stable for up to 12 months from date of receipt at -70 centigrade.

Storage

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.

Storage Buffer

Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.

Reconstitution

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.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

EGFR epidermal growth factor receptor [*Macaca mulatta*]

Official Symbol

EGFR

Synonyms

epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)

Gene ID

613027

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