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

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	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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