Recombinant Rat Egfr Protein, His-tagged, FITC conjugated

Cat. No. Egfr-7433RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Egfr Protein (E7CXR8, 1-646aa), was produced in Human Cell with C-terminal polyhistidine tag and FITC conjugate.
Species	Rat
Source	HEK293
ProteinLength	1-646 aa
Form	Lyophilized
Molecular Mass	The recombinant rat EGFR comprises 633 amino acids and predicts a molecular mass of 70.7 kDa. The apparent molecular mass of the recombinant protein is approximately 93-110 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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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 a 0.2 μm filtered solution of PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	Egfr epidermal growth factor receptor [Rattus norvegicus]
Official Symbol	Egfr
Gene ID	24329
mRNA Refseq	NM_031507
Protein Refseq	NP_113695

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