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

Cat. No. EGFR-101MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EGFR Protein extracellular domain (Q01279, 1-647aa), was produced in Human Cell with C-terminal His tag and Alexa Fluor 555 conjugate.
Species	Mouse
Source	HEK293
ProteinLength	1-647 aa
Form	Lyophilized
Molecular Mass	The secreted recombinant mouse EGFR comprises 634 amino acids and has a calculated molecular mass of 71 kDa. As a result of glycosylation, the apparent molecular mass of rmEGFR is approximately 100 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
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 efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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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
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	Alexa Fluor 555

GENE INFORMATION

Gene Name	Egfr epidermal growth factor receptor [Mus musculus]
Official Symbol	EGFR
Gene ID	13649
mRNA Refseq	NM_007912
Protein Refseq	NP_031938

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