Recombinant Mouse Egfr Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. EGFR-102MAF488 **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 human IgG1 Fc tag and Alexa Fluor 488 conjugate.
Species	Mouse
Source	HEK293
ProteinLength	1-647 aa
Form	Lyophilized
Molecular Mass	The secreted recombinant mouse EGFR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 864 amino acids and has a calculated molecular mass of 96 kDa. As a result of glycosylation, the apparent molecular mass of rmEGFR/Fc monomer is approximately 130 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 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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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 488

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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