

# Recombinant Mouse EGFR Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** EGFR-101MAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse EGFR Protein extracellular domain (Q01279, 1-647aa), was produced in Human Cell with C-terminal His tag and Alexa Fluor 647 conjugate.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-647 aa
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Egfr epidermal growth factor receptor [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">EGFR</a>
<b>Gene ID</b>	<a href="#">13649</a>
<b>mRNA Refseq</b>	<a href="#">NM_007912</a>
<b>Protein Refseq</b>	<a href="#">NP_031938</a>

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