Recombinant Mouse Fgfr2 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Fgfr2-501MAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse FGFR2 (NP_963895.2) (Met1-Glu263) (Alexa Fluor 647 conjugated) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Glu263 483
Form	Lyophilized
Molecular Mass	The recombinant mouse FGFR2 comprises 483 amino acids and has a predicted molecular mass of 54.1 kDa. The apparent molecular mass of the protein is approximately 89.9 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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 -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	Fgfr2 fibroblast growth factor receptor 2 [Mus musculus]
Official Symbol	Fgfr2
Synonyms	FGFR2; fibroblast growth factor receptor 2; keratinocyte growth factor receptor; Bek; svs; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRTr; AU043015; AW556123; MGC102519;
Gene ID	14183
mRNA Refseq	NM_010207
Protein Refseq	NP_034337

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