

# Recombinant Mouse Fgfr2 Protein, Fc-tagged, Alexa Fluor 488 conjugated

**Cat. No.** Fgfr2-501MAF488    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      A DNA sequence encoding the mouse FGFR2 (NP\_963895.2) (Met1-Glu263) (Alexa Fluor 488 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 488 via amines  
 Excitation Wavelength: 488 nm  
 Emission Wavelength: 515-545 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -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, pH7.4.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Fgfr2 fibroblast growth factor receptor 2 [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Fgfr2</a>
<b>Synonyms</b>	FGFR2; fibroblast growth factor receptor 2; keratinocyte growth factor receptor; Bek; svs; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRT <sub>r</sub> ; AU043015; AW556123; MGC102519;
<b>Gene ID</b>	<a href="#">14183</a>
<b>mRNA Refseq</b>	<a href="#">NM_010207</a>
<b>Protein Refseq</b>	<a href="#">NP_034337</a>

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