

# Recombinant Mouse Fgfr3 Protein, His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** Fgfr3-624MAF555    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 555 conjugated recombinant Mouse Fgfr3 (NP\_032036.2) extracellular domain (Met 1-Tyr 367), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

**Species**      Mouse

**Source**      HEK293

**ProteinLength**      358

**Form**      Lyophilized

**Molecular Mass**      The recombinant mouse FGFR3 comprises 358 amino acids and has a calculated molecular mass of 37 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmFGFR3 is approximately 70-80 kDa due to glycosylation.

**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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<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 -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 555
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Fgfr3 fibroblast growth factor receptor 3 [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Fgfr3</a>
<b>Gene ID</b>	<a href="#">14184</a>
<b>mRNA Refseq</b>	<a href="#">NM_001163215</a>
<b>Protein Refseq</b>	<a href="#">NP_001156687</a>

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