

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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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 555
GENE INFORMATION	
Gene Name	Fgfr3 fibroblast growth factor receptor 3 [Mus musculus]
Official Symbol	Fgfr3
Gene ID	14184
mRNA Refseq	NM_001163215
Protein Refseq	NP_001156687

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