

# Recombinant Human FGFR2 Protein, Fc/His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** FGFR2-705HAF647    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 647 conjugated recombinant human FGFR2 extracellular domain (NP\_000132.3) (Met 1-Glu 377), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species**                      Human

**Source**                        HEK293


**ProteinLength**              604

**Form**                          Lyophilized

**Molecular Mass**              The recombinant human FGFR2/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 604 amino acids and has a predicted molecular mass of 67.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhFGFR2/Fc monomer is approximately 110-120 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 647 via amines  
Excitation = 650 nm  
Emission = 668 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 -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>	FGFR2 fibroblast growth factor receptor 2 [ Homo sapiens ]
<b>Official Symbol</b>	FGFR2
<b>Gene ID</b>	2263
<b>mRNA Refseq</b>	NM_000141
<b>Protein Refseq</b>	NP_000132
<b>MIM</b>	176943
<b>UniProt ID</b>	P21802

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