Recombinant Human FGFR1 Protein, Fc/His-tagged, Alexa Fluor 647 conjugated

Cat. No. FGFR1-138HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant human FGFR1 extracellular domain (Met 1-Glu 285) (NP_075594.1), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	512
Form	Lyophilized
Molecular Mass	The recombinant human FGFR1/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 512 amino acids and has a predicted molecular mass of 57.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhFGFR1/Fc monomer is approximately 100-110 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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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 647

GENE INFORMATION

Gene Name	FGFR1 fibroblast growth factor receptor 1 [Homo sapiens]
Official Symbol	FGFR1
Gene ID	2260
mRNA Refseq	NM_001174063
Protein Refseq	NP_001167534
MIM	136350
UniProt ID	P11362

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