

Recombinant Human FGFR1 Protein, Fc/His-tagged, Alexa Fluor 555 conjugated

Cat. No. FGFR1-138HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 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 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	TRITC/Cy3 filters.
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	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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