

# Recombinant Human FGFR2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** FGFR2-777HAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 555 conjugated recombinant human FGFR2 (alpha(IIIb)) (NP_001138385.1) (Asn1-Glu378) was expressed with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	595
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	66.3 kDa
<b>N-terminal Sequence Analysis</b>	Arg 22
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	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

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efficiently excited using a 543 nm He-Ne laser line and detected under standard 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, 5%-8% trehalose and mannitol.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

**Conjugation**

Alexa Fluor 555

## GENE INFORMATION

**Gene Name**

FGFR2 fibroblast growth factor receptor 2 [ Homo sapiens ]

**Official Symbol**

FGFR2

**Synonyms**

FGFR2; fibroblast growth factor receptor 2; bacteria expressed kinase , BEK, CFD1, craniofacial dysostosis 1 , Jackson Weiss syndrome , JWS, keratinocyte growth factor receptor , KGFR; CD332; CEK3; Crouzon syndrome; ECT1; K SAM; Pfeiffer syndrome; TK14; TK25; FGFR-2; FGF receptor; soluble FGFR4 variant 4; bacteria-expressed kinase; hydroxyaryl-protein kinase; keratinocyte growth factor receptor; BEK fibroblast growth factor receptor; protein tyrosine kinase, receptor like 14; BEK; JWS; CFD1; KGFR; BFR-1; K-SAM; FLJ98662;

**Gene ID**

2263

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mRNA Refseq	NM_000141
Protein Refseq	NP_000132
MIM	176943
UniProt ID	P21802

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