

# Recombinant Human FGFR2 Protein, His/GST-tagged, Alexa Fluor 555 conjugated

**Cat. No.** FGFR2-7303HAF555    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 555 conjugated recombinant human FGFR2 (NP\_000132.3) cytoplasmic domain (Met 400-Thr 821), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.

**Species**      Human

**Source**      Insect Cells

**ProteinLength**      659

**Form**      Lyophilized

**Molecular Mass**      The recombinant human FGFR2 (aa 400-821) /GST chimera consists of 659 amino acids and predicts a molecular mass of 75.7 kDa. It migrates as an approximately 68 kDa band in SDS-PAGE under reducing conditions.

**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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<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 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4, 10% gly
<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 555

## 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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