

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

Cat. No. FGFR2-7303HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 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 647 via amines
Excitation = 650 nm
Emission = 668 nm

Stability Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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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 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4, 10% gly
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	FGFR2 fibroblast growth factor receptor 2 [Homo sapiens]
Official Symbol	FGFR2
Gene ID	2263
mRNA Refseq	NM_000141
Protein Refseq	NP_000132
MIM	176943
UniProt ID	P21802

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