Recombinant Human IGF1R Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. IGF1R-3148HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human IGF1R precursor extracellular domain (Met 1-Asn 932) (NP_000866.1), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	1-932 a.a.
Form	Lyophilized
Molecular Mass	The calculated molecular masses for α subunit, β subunit and the single chain of the receptor are approximately 81 kDa, 23 kDa and 104 kDa, respectively. As a result of glycosylation, the recombinant single chain, α subunit and β subunit have apparent molecular masses of approximately 150 kDa, 120 kDa and 48 kDa, respectively 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 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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 Buffer, 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 488

GENE INFORMATION

Gene Name	IGF1R insulin-like growth factor 1 receptor [Homo sapiens]
Official Symbol	IGF1R
Gene ID	3480
mRNA Refseq	NM_000875
Protein Refseq	NP_000866
MIM	147370
UniProt ID	P08069

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