

Recombinant Human IGF1R, His tagged

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

SPECIFICATION

Product Overview	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	Human Cells
ProteinLength	1-932 a.a.
Form	Lyophilized from sterile PBS Buffer, pH 7.4
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 per μ g of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution.
Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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