

Active Recombinant Human INSR Protein, His & GST-tagged

Cat. No. INSR-294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human INSR Protein(NP_000199.2)(Gly 989-Ser 1382) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	989-1382 aa
Form	Supplied as sterile 50mM Tris, 100mM NaCl, pH 7.4, 20% gly, 0.3mM DTT.
Bio-activity	The specific activity was determined to be 45 nmol/min/mg using Poly(Ala,Glu,Lys,Tyr)6:2:5:1 as substrate.
Molecular Mass	The recombinant human INSR (989-1382)/GST chimera consists of 631 amino acids and has a calculated molecular mass of 72.3 KDa. It migrates as an approximately 70 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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	thaw cycles.
Concentration	0.2 ug/ul
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000199.2
Unit ID	P06213
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/P06213

GENE INFORMATION

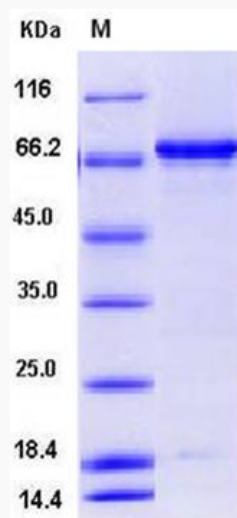
Gene Name	INSR insulin receptor [Homo sapiens]
Official Symbol	INSR
Synonyms	INSR; insulin receptor; CD220; IR; HHF5;
Gene ID	3643
mRNA Refseq	NM_000208
protein Refseq	NP_000199
MIM	147670

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SDS-PAGE



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