

Active Recombinant Human INSR Protein, GST-tagged

Cat. No. INSR-5093H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human INSR (NM_000208, 989 a.a. - 1382 a.a.) partial recombinant protein with GST tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
ProteinLength	989-1382 a.a.
Description	After removal of the precursor signal peptide, the insulin receptor precursor is post-translationally cleaved into two chains (alpha and beta) that are covalently linked. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Form	Liquid
Bio-activity	533 pmol/μg x min
Molecular Mass	70.392 kDa
Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Concentration	0.189 µg/µL
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Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
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GENE INFORMATION

Gene Name	INSR insulin receptor [Homo sapiens]
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Official Symbol	INSR
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Synonyms	INSR; insulin receptor; CD220; IR; HHF5;
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Gene ID	3643
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mRNA Refseq	NM_000208
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Protein Refseq	NP_000199
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MIM	147670
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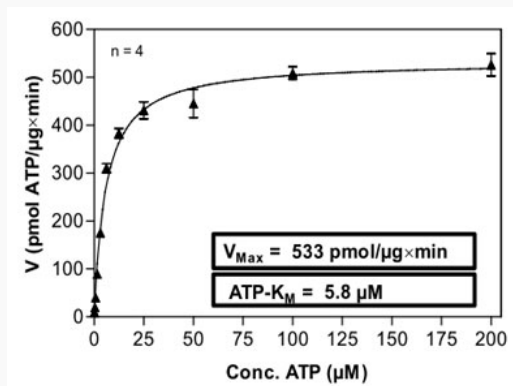
UniProt ID	P06213
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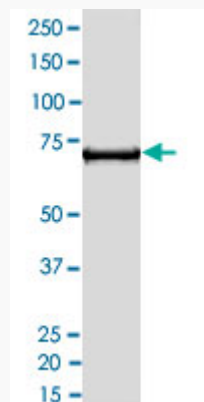
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Result of activity analysis



Quality Control Testing



2 μg/lane SDS-PAGE Stained with Coomassie Blue

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