Recombinant Human IRS2 Protein, GST-tagged

Cat. No. IRS2-5029H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IRS2 partial ORF (NP_003740.2, 494 a.a. - 603 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes the insulin receptor substrate 2, a cytoplasmic signaling molecule that mediates effects of insulin, insulin-like growth factor 1, and other cytokines by acting as a molecular adaptor between diverse receptor tyrosine kinases and downstream effectors. The product of this gene is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation, as well as by an interleukin 4 receptor-associated kinase in response to IL4 treatment. [provided by RefSeq
Molecular Mass	37.84 kDa
AA Sequence	DPGFMSLDEYGSSPGDLRAFCSHRSNTPESIAETPPARDGGGGGEFYGYMTMDRP LSHCGRSYRRVSGDAAQDLDRGLRKRTYSLTTPARQRPVPQPSSASLDEYTLMRA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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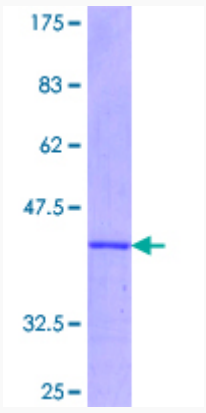
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	IRS2 insulin receptor substrate 2 [Homo sapiens]
Official Symbol	IRS2
Synonyms	IRS2; insulin receptor substrate 2; IRS-2;
Gene ID	8660
mRNA Refseq	NM_003749
Protein Refseq	NP_003740
MIM	600797
UniProt ID	Q9Y4H2
Quality Control Testing	

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12.5% SDS-PAGE Stained with Coomassie Blue

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