Recombinant Human INS-IGF2 Protein, GST-tagged

Cat. No. INS-IGF2-5097H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human INS-IGF2 full-length ORF (AAI53084.1, 1 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-200 a.a.
Description	This locus includes two alternatively spliced read-through transcript variants which align to the INS gene in the 5 region and to the IGF2 gene in the 3 region. One transcript is predicted to encode a protein which shares the N-terminus with the INS protein but has a distinct and longer C-terminus, whereas the other transcript is a candidate for nonsense-mediated decay (NMD). The transcripts are imprinted and are paternally expressed in the limb and eye. [provided by RefSeq
Molecular Mass	48.4 kDa
AA Sequence	MALWMRLLPLLALLALWGPDPAAAFVNQHLCGSHLVEALYLVCGERGFFYTPKTRR EAEDLQASALSLSSSTSTWPEGLDATARAPPALVVTANIGQAGGSSSRQFRQRALG TSDSPVLFIHCPGAAGTAQGLEYRGRRVTTELVWEEVDSSPQPQGSESLPAQPPAQ PAPQPEPQQAREPSPEVSCCGLWPRRPQRSQN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	INS-IGF2 INS-IGF2 readthrough [Homo sapiens (human)]
Official Symbol	INS-IGF2
Synonyms	INS-IGF2; INS-IGF2 readthrough; INSIGF; insulin, isoform 2; INS-IGF2 readthrough transcript protein; insulin- insulin-like growth factor 2 read-through product
Gene ID	723961
mRNA Refseq	NM_001042376
Protein Refseq	NP_001035835
UniProt ID	F8WCM5

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