Recombinant Human INS-IGF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INS-IGF2-3839H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INS MS Standard C13 and N15-labeled recombinant protein (NP_001035835) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	21.4 kDa
AA Sequence	MALWMRLLPLLALLALWGPDPAAAFVNQHLCGSHLVEALYLVCGERGFFYTPKTRR EAEDLQASALSLSSSTSTWPEGLDATARAPPALVVTANIGQAGGSSSRQFRQRALG TSDSPVLFIHCPGAAGTAQGLEYRGRRVTTELVWEEVDSSPQPQGSESLPAQPPAQ PAPQPEPQQAREPSPEVSCCGLWPRRPQRSQNTRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

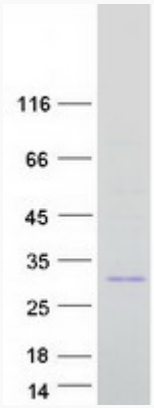
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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- 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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SDS-PAGE	

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