

Recombinant Human IGF2 Protein, GST-tagged

Cat. No. IGF2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGF2 Protein with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the insulin family of polypeptide growth factors, which are involved in development and growth. It is an imprinted gene, expressed only from the paternal allele, and epigenetic changes at this locus are associated with Wilms tumour, Beckwith-Wiedemann syndrome, rhabdomyosarcoma, and Silver-Russell syndrome. A read-through INS-IGF2 gene exists, whose 5' region overlaps the INS gene and the 3' region overlaps this gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
AA Sequence	CTGTGCGGCGGGGAGCTGGTGGACACCCTCCAGTTCGTCTGTGGGGACCGCG GCTTCTACTTCAGCAGGCCCGCAAGCCGTGTGAGCCGTCGCAGCCGTGGCATC GTTGAGGAGTGCTGTTTCCGCAGCTGTGACCTGGCCCTCCTGGAGACGTACTGT GCTACCCCGCCAAGTCCGAG
Purity	> 85 %

GENE INFORMATION

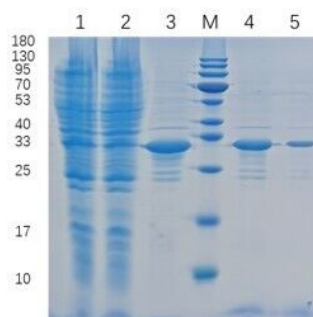
Gene Name	IGF2 insulin like growth factor 2 [Homo sapiens (human)]
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Official Symbol	IGF2
Synonyms	IGF2; insulin like growth factor 2; GRDF; SRS3; IGF-II; PP9974; C11orf43; insulin-like growth factor II; T3M-11-derived growth factor; insulin-like growth factor 2 (somatomedin A); insulin-like growth factor type 2; preptin
Gene ID	3481
mRNA Refseq	NM_000612
Protein Refseq	NP_000603
MIM	147470
UniProt ID	P01344



SDS-PAGE of target protein purification

Lane M: protein marker

Lane 1: before load

Lane 2: flow through

Lane 3,4,5: elution

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