

Recombinant Human Insulin-like Growth Factor 2 (Somatomedin A)

Cat. No. IGF2-457H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Insulin-like Growth Factor 2 (Somatomedin A) is expressed in yeast.
Species	Human
Source	Yeast
Description	Human IGF-II is a potent mitogen for cells of mesodermal origin. It is composed of 67 amino acid residues, and is 62% homologous with human IGF-I.
Molecular Weight	7.5 kDa.
Biological Activity	The material is active in a receptor-binding assay using a membrane preparation from placenta.
Purity	Over 95% pure by N-terminal amino acid sequencing, amino acid composition, HPLC analysis, and SDS gel electrophoresis.
Storage And Reconstitution	Store at +4°C. Reconstitution is best in water or buffer near neutral pH. After reconstitution, storage in aliquots at -80 °C is recommended.

GENE INFORMATION

Gene Name	IGF2 insulin-like growth factor 2 (somatomedin A) [Homo sapiens]
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Synonyms	insulin-like growth factor 2 (somatomedin A);INSIGF; pp9974; C11orf43; FLJ22066; FLJ44734; IGF2; insulin-like growth factor 2; IGF-II; somatomedin A; somatomedin-A; insulin-like growth factor II; insulin-like growth factor type 2; putative insulin-like growth factor II associated protein; chromosome 11 open reading frame 43; OTTHUMP00000011157; OTTHUMP00000011018
Gene ID	3481
mRNA Refseq	NM_000612
Protein Refseq	NP_000603
MIM	147470
UniProt ID	P01344
Chromosome Location	11p15.5
Pathway	Diabetes pathways
Function	growth factor activity; hormone activity; insulin receptor binding; insulin-like growth factor receptor binding; protein binding

PDB rendering based
on 1igl.



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