

Recombinant Human IGF2, 25-91 aa

Cat. No. IGF2-486H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IGF2 was expressed in <i>E.coli</i> and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. MW = 7.6 kDa (68aa).
Species	Human
Source	E.coli
Description	IGF2, as known as insulin-like growth factor 2, is mitogenic polypeptide growth factors that stimulate the proliferation and survival of various cell types including muscle, bone, and cartilage tissue in vitro. This protein is a fetal growth factor, influenced by placental lactogen and abundantly expressed by placental trophoblasts.
Form	Liquid. In phosphate-buffered saline (pH 7.4) containing 10% glycerol.
Purity	> 90% by SDS - PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MAYRPSETLC GGELVDTLQF VCGDRGFYFS RPASRVSRRS RGIVEECCFR SCDLALLETY CATPAKSE.
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Pathways Diabetes pathways

GENE INFORMATION

Gene Name IGF2 insulin-like growth factor 2 (somatomedin A) [Homo sapiens]

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

Function growth factor activity; hormone activity; insulin receptor binding; insulin-like growth factor receptor binding; protein binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering based
on 1igl.



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA