

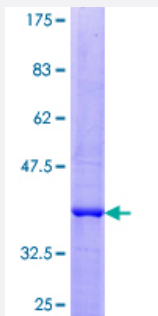
Full-Length

IGF2 (Human) Recombinant Protein (P02)

Catalog # H00003481-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IGF2 full-length ORF (P09565, 1 a.a. - 113 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTPGVVHASPPQSQRVPRQAPCEWAI RNIGQKPKEPNCHNCGTHIGLRSKTLRGTPNYLPIRQDT HPPSVIFCLAGVGVPGGTCRPAPCVPRFAALPWATNHPGPGCLSDLRA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.50
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IGF2

Entrez GeneID	3481
GeneBank Accession#	P09565
Protein Accession#	P09565
Gene Name	IGF2
Gene Alias	C11orf43, FLJ22066, FLJ44734, INSIGF, pp9974
Gene Description	insulin-like growth factor 2 (somatomedin A)
Omim ID	147470
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the insulin family of polypeptide growth factors that is involved in development and growth. It is an imprinted gene and is expressed only from the paternally inherited allele. It is a candidate gene for eating disorders. There is a read-through, INS-IGF2, which aligns to this gene at the 3' region and to the upstream INS gene at the 5' region. Alternatively spliced transcript variants, encoding either the same or different isoform, have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000011012 OTTHUMP00000011015 OTTHUMP00000011018 OTTHUMP00000011157 insulin-like growth factor 2 insulin-like growth factor III insulin-like growth factor type 2 putative insulin-like growth factor II associated protein somatomedin A

Disease

- [Abortion](#)

- [Adenocarcinoma](#)
- [Adrenal hyperplasia](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Asperger Syndrome](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Beckwith-Wiedemann Syndrome](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Eating Disorders](#)
- [Edema](#)

- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Hepatitis](#)
- [Hepatitis B](#)
- [HIV Infections](#)
- [Hyperandrogenism](#)
- [Hypertension](#)
- [Infant](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Leiomyoma](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Melanoma](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Metabolism](#)
- [Metaplasia](#)
- [Mouth Neoplasms](#)
- [Muscular Diseases](#)
- [Neoplasms](#)
- [Obesity](#)

- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pain](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Parkinson disease](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)
- [Social Perception](#)
- [Stomach Neoplasms](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Calculi](#)
- [Uterine Neoplasms](#)

- [Weight Gain](#)
- [Werner syndrome](#)