

Insulin Like Growth Factor 2 (IGF2) Recombinant Protein | IGF2 recombinant protein

Recombinant Insulin Like Growth Factor 2 (IGF2)

CATALOG # AAA134148	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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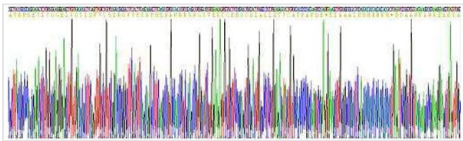
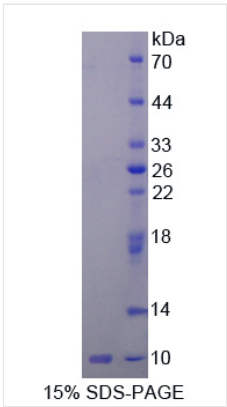
PRODUCT SYNONYMS

Insulin Like Growth Factor 2 (IGF2); Recombinant Insulin Like Growth Factor 2 (IGF2); IGF2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% sarcosyl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for IGF2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Traits	Freeze-dried powder
Residues	Ala25~Glu91
Tags	N-terminal His Tag
Subcellular Location	Secreted
Predicted isoelectric point	7.7
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Identification

SDS-PAGE

AYRPSE TLGGELVDT LQFVCSDRGF
YFSRPSSRAN RRSRGIVEEC CFRSCDLALL ETYCATPAKS E

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	297747332
NCBI GeneID	24483
NCBI Accession #	NP_001177091.1
NCBI GenBank Nucleotide #	NM_001190162.1
UniProt Accession #	p01346; P01346
Molecular Weight	Predicted Molecular Mass: 8.5kDa Accurate Molecular Mass: 10kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	insulin-like growth factor II isoform 2 preproprotein
NCBI Official Synonym Full Names	insulin-like growth factor 2
NCBI Official Symbol	Igf2
NCBI Official Synonym Symbols	IGFII; RNIGF2
NCBI Protein Information	insulin-like growth factor II; MSA; IGF-II; multiplication-stimulating activity; insulin-like growth factor II (IGF-II); multiplication-stimulating polypeptide; Insulin-like growth factor II (somatomedin A); insulin-like growth factor II isoform 2 variant 4 preprotein
UniProt Protein Name	Insulin-like growth factor II
UniProt Gene Name	Igf2
UniProt Synonym Gene Names	Igf-2; IGF-II; MSA
UniProt Entry Name	IGF2_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.