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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IGF2 (Human) Recombinant Protein

Entrez GeneID: 3481

Catalog Number: P8190

Gene Symbol: IGF2

Regulation Status: For research use only (RUO)

Gene Alias: C11orf43, FLJ22066, FLJ44734, INSIGF, pp9974

Product Description: Human IGF2 (P01344, 24 a.a. - 180 a.a.) partial recombinant protein contains a C-terminal propeptide (E peptide) Arg92 to Lys180 expressed in HEK293 cells.

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]

Sequence:

AAYRPSETLCGGELVDTLQFVCGDRGFYFSRPASRVSR
RRSRGIVEECCFRSCDLALLETCATPAKSERDVSTPP
TVLPDNFPRYPVGKFFQYDTWKQSTQRLRRGLPALLR
ARRGHVLAKELEAFREAKRHRPLIALPTQDPAHGGAP
PEMASNRK

Host: Mammals

Theoretical MW (kDa): 25

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (HEK293) expression system

Purity: > 90% by SDS-PAGE

Activity: The specific activity was determined by the dose-dependent stimulation of the proliferation of MCF-7 cells (human breast cancer cell line) and is typically 2-8 ng/mL.

Recommend Usage: Biological Activity
SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: In sterile PBS containing 0.1% endotoxin-free recombinant HSA.

Storage Instruction: Store at 2°C to 8°C for 1 week.
For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.