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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IGF1 (Human) Recombinant Protein

Catalog Number: P8175

Regulation Status: For research use only (RUO)

Product Description: Human IGF1 (P05019, 48 a.a. - 118 a.a.) partial recombinant protein expressed in *Escherichia coli*.

Sequence:

GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSR
RAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA

Host: *Escherichia coli*

Theoretical MW (kDa): 7.6

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

Form: Lyophilized

Preparation Method: *Escherichia coli* expression
system

Purity: > 97% by SDS-PAGE

Activity: The biological activity was determined by the
cell proliferation assay using serum free human MCF-7
cells in < 2ng/mL, corresponding to a specific activity of
> 5.0 x 10⁵ IU/mg.

Recommend Usage: Biological Activity
SDS-PAGE

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

Storage Buffer: Lyophilized from sterile distilled Water
is > 100 ug/mL

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.

Entrez GeneID: 3479

Gene Symbol: IGF1

Gene Alias: IGF1

Gene Summary: The protein encoded by this gene is similar to insulin in function and structure and is a member of a family of proteins involved in mediating growth and development. The encoded protein is processed from a precursor, bound by a specific receptor, and secreted. Defects in this gene are a cause of insulin-like growth factor I deficiency. Several transcript variants encoding different isoforms have been found for this gene]