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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IGFBP4 (Human) Recombinant Protein

Catalog Number: P8195

Regulation Status: For research use only (RUO)

Product Description: Human IGFBP4 (P22692, 22 a.a. - 258 a.a.) partial recombinant protein expressed in Sf9 cells.

Sequence:

DEAIHCPCSEEKLARCRPPVGCEELVREPGCGCCAT
CALGLGMPCGVYTPRCGSLRCYPPRGVEKPLHTLM
HGQGVCMELAEIEAIQESLQPSDKDEGDHPNNSFSPC
SAHDRRLCLQKHFAKIRDRSTSGGKMKVNGAPREDAR
PVPQGSCQSELHRALELAASQSRTHEDLYIIPNCD
RNGNFHPKQCHPALDGQRGKCWCVDRKTGVKLPGG
LEPKGELDCHQLADSFRE

Host: insect

Theoretical MW (kDa): 30

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

Form: Lyophilized

Preparation Method: Sf9 cell expression system

Purity: > 97% by SDS-PAGE

Activity: The ED₅₀ is < 0.1 ug/mL as determined by the
ability to inhibit IGF-II induced proliferation of MCF-7
cells, corresponding to a specific activity of > 1.0 × 10⁴
IU/mg in the presence of 14 ng/mL of rHuIGF-II.

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: 3487

Gene Symbol: IGFBP4

Gene Alias: BP-4, HT29-IGFBP, IBP4, IGFBP-4

Gene Summary: This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. [provided by RefSeq]