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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EIF4EBP1 (Human) Recombinant Protein (P01)

Catalog Number: H00001978-P01

Regulation Status: For research use only (RUO)

Product Description: Human EIF4EBP1 full-length ORF (AAH04459, 1 a.a. - 118 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSGGSSCSQTSPRAIPATRRVVLGDGVQLPPGDYSTT
PGGTLFSTTPGGTRIIYDRKFLMECRNSPVTKTPPRDL
PTIPGVTSPSSDEPPMEASQSHLRNSPEDKRAGGEES
QFEMDI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 38.72

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 1978

Gene Symbol: EIF4EBP1

Gene Alias: 4E-BP1, 4EBP1, BP-1, MGC4316, PHAS-I

Gene Summary: This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the

multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation. [provided by RefSeq]