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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EIF4B (Human) Recombinant Protein (P01)

Catalog Number: H00001975-P01

Regulation Status: For research use only (RUO)

Product Description: Human EIF4B full-length ORF (AAH98437.1, 1 a.a. - 611 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAASAKKKKKGKTI SLTDFLAEDGGTGGGSTYVSKP
VSWAETDDLEGDVSTTWHSNDDDVYRAPPIDRSILP
TAPRAAREPNIDRSRLPKSPPYTAFLGNLPYDVTEESI
KEFFRGLNISAVRLPREPSNPERLKGFGYAEFEDLDSL
LSALSNEESLGNRRIRVDVADQAQDKDRDDRSFGRD
RNRDSKTDTDWRARPATDSFDDYPPRRGDDSFSGDK
YRDRYDSDRYRDGYRDGYRDGPCRDMDRYGGRRDRY
DDRGSRDYDRGYDSRIGSGRRAFGSGYRRDDDYRG
GGDRYEDRYDRRDDRSWSSRDDYSRDDYRRDDRGP
PQRPKLNLKPRSTPKEDDSSASTSQSTRAASIFGGAK
PVDTAAREREVEERLQKEQEKLRQLDEPKLERRPRE
RHPSWRSEETQERERSRTGSESSQTGTSTTSSRNAR
RRESEKLENETLNKEEDCHSPTSKPPKPDQPLKVMPP
APPPKENAWVKRSSNPPARSQSSDTEQQSPTSGGGK
VAPAQPSEEGPGRKDENKVDGMNAPKGGQTGNSSRG
PGDGGNRDHWKESDRKDGKQDQDSRSAPPEPKKPEE
NPASKFSSASKYAALSVDGEDENEGEDYAE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 95.5

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: 1975

Gene Symbol: EIF4B

Gene Alias: EIF-4B, PRO1843

References:

1. Mitotic MELK-eIF4B signaling controls protein synthesis and tumor cell survival. Wang Y, Begley M, Li Q, Huang HT, Lako A, Eck MJ, Gray NS, Mitchison TJ, Cantley LC, Zhao JJ. Proc Natl Acad Sci U S A. 2016 Jul 7. [Epub ahead of print]
2. The Pim-1 Protein Kinase Is an Important Regulator of MET Receptor Tyrosine Kinase Levels and Signaling. Cen B, Xiong Y, Song JH, Mahajan S, DuPont R, McEachern K, DeAngelo DJ, Cortes JE, Minden MD, Ebens A, Mims A, LaRue AC, Kraft AS Mol Cell Biol. 2014 Jul 1;34(13):2517-32. doi: 10.1128/MCB.00147-14. Epub 2014 Apr 28.
3. Proteomic Identification of Hsp70 as a new Plk1 Substrate in Arsenic Trioxide-Induced Mitotically Arrested Cells. Chen Y, Lin YP, Chow LP, Lee TC. Proteomics. 2011 Sep 2. doi: 10.1002/pmic.201100329. [Epub ahead of print]