

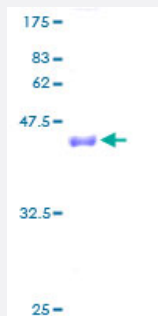
Full-Length

EIF4EBP2 (Human) Recombinant Protein (P01)

Catalog # H00001979-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EIF4EBP2 full-length ORF (AAH05057, 1 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSSAGSGHQPSQSRAIPTRTVAISDAAQLPHDYCTTPGGTLFSTTPGGTRIYDRKFLLDRRNSP MAQTPPCHLPNIPGVTSPGTLIEDSKVEVNNLNNLNHDKHAVGDDAQFEMDI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.94
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EIF4EBP2

Entrez GeneID [1979](#)

GeneBank Accession# [BC005057](#)

Protein Accession# [AAH05057](#)

Gene Name EIF4EBP2

Gene Alias 4EBP2, PHASII

Gene Description eukaryotic translation initiation factor 4E binding protein 2

Omim ID [602224](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the eukaryotic translation initiation factor 4E binding protein family. The gene products of this family bind eIF4E and inhibit translation initiation. However, insulin and other growth factors can release this inhibition via a phosphorylation-dependent disruption of their binding to eIF4E. Regulation of protein production through these gene products have been implicated in cell proliferation, cell differentiation and viral infection. [provided by RefSeq]

Other Designations OTTHUMP00000019756|phosphorylated, heat and acid stable regulated by insulin protein II

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)