9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3739: EIF4EBP2 Recombinant Protein

Alternative Name : Eukaryotic Translation Initiation Factor 4E Binding Protein 2,4E-BP2,eIF4E-binding protein 2,4EBP2,PHASII,phosphorylated,heat and acid stable regulated by insulin protein II.

Description

Source : Escherichia Coli. EIF4EBP2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140amino acids (1-120a.a.) and having a molecular mass of 15.1 kDa. EIF4EBP2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. EIF4EBP2 belongs to the eukaryotic translation initiation factor 4E binding protein family. Even though EIF4EBP2 protein binds eIF4E and inhibits translation initiation, insulin and other growth factors can release this inhibition by a phosphorylation-dependent disruption. EIF4EBP2 mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase pathway. Regulation of this protein is associated to cell proliferation, cell differentiation and viral infection.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The EIF4EBP2 protein solution (0.5mg/ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSSSAGSGHQ PSQSRAIPTR TVAISDAAQL PHDYCTTPGG TLFSTTPGGT RIIYDRKFLL DRRNSPMAQT PPCHLPNIPG VTSPGTLIED SKVEVNNLNN LNNHDRKHAV GDDAQFEMDI.