ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Eukaryotic Translation Initiation Factor 4E-Binding Protein 2 Human Re-

Item Number	rAP-3248
Synonyms	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	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.
Uniprot Accesion Number	Q13542
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSSSAGSGHQ PSQSRAIPTR TVAISDAAQL PHDYCTTPGG TLF-STTPGGT RIIYDRKFLL DRRNSPMAQT PPCHLPNIPG VTSPGTLIED SKVEVNNLNN LNNHDRKHAV GDDAQFEMDI.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The EIF4EBP2 protein solution (0.5mg/ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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