

Eukaryotic translation initiation factor 4E-binding protein 1 Human Re-

Item Number	rAP-3259
Synonyms	Eukaryotic translation initiation factor 4E-binding protein 1, eIF4E-binding protein 1, 4E-BP1, Phosphorylated heat- and acid-stable protein regulated by insulin 1, PHAS-I, EIF4EBP1, BP-1, 4EBP1, MGC4316.
Description	EIF4EBP1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 138 amino acids (1-118 a.a.) and having a molecular mass of 14.7kDa (molecular weight on SDS-PAGE will appear higher).The EIF4EBP1 is purified by proprie-
Uniprot Accession Number	Q13541
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSGGSSCSQT PSRAIPATRR VVLGDGVQLP PGDYSTTPGG TLF-STTPGGT RIIYDRKFLM ECRNSPVT KT PPRDLPTIPG VTSPSSDEPP MEASQSHLRN SPEDKRAGGE ESQFEMDI.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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 EIF4EBP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 95.0% 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**