

Eukaryotic Translation Initiation Factor 4E Recombinant Mouse

Item Number	rAP-3256
Synonyms	eIF-4E, eIF4E, mRNA cap-binding protein, eIF-4F 25 kDa subunit, Eif4e.
Description	EIF4E Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 241 amino acids (1-217 a.a) and having a molecular mass of 27.6kDa. EIF4E is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P63073
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHPMATVEP ETTPPTNPPP AEEKTESNQ EVANPEHYIK HPLQNRWALW FFKNDKSKTW QANLRLISKF DTVEDFWALY NHIQLSSNLM PGCDYSLFKD GIEPMWEDEK NKRGGRWLIT LNKQRRSDL DRFWLETLLC LIGESFDDYS DDVCGAVNVV RAKGD- KIAIW TTECENRDAV THIGRVYKER LGLPPKIVIG YQSHADTATK SGSTTKNRFV V
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	EIF4E protein solution (1mg/ml) 20mM Tris-HCl Buffer (pH8.0), 10% glycerol, 1mM DTT, 0.1M NaCl and 0.1mM PMSF. 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**