

Eukaryotic Translation Initiation Factor 1B Human Recombinant

Item Number	rAP-3247
Synonyms	Eukaryotic translation initiation factor 1b, eIF1b, Protein translation factor SUI1 homolog GC20, EIF1B, GC20.
Description	EIF1B 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 133 amino acids (1-113 a.a.) and having a molecular mass of 15kDa. The EIF1B is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O60739
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSTIQNLQSF DPFADATKGD DLLPAGTEDY IHIRIQQRNG RKTLLTVQGI ADDYDKKKLV KAFKKKFACN GTVIEHPEYG EVIQLQGDQR KNICQFLLEV GIVKEEQLKV HGF.
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 EIF1B solution (1 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl. 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 end users! This product is sold for **Research Use Only**