

Eukaryotic Translation Initiation Factor 4H Human Recombinant

Item Number	rAP-3242
Synonyms	Eukaryotic translation initiation factor 4H, eIF-4H, Williams-Beuren syndrome chromosomal region 1 protein, EIF4H, KIAA0038, WBSCR1, WSCR1.
Description	EIF4H Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 272 amino acids (1-248 a.a) and having a molecular mass of 29.9kDa. EIF4H is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15056
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMADFDT YDDRAYSFG GGRGSRGSAG GHGSRSQKEL PTEP-PYTAYV GNLPFNTVQG DIDAIFKDLRSVRLVRDK DTDKFKGFCY VEFDEVDSLK EALTYDGALL GDRSLRVDIA EGRKQDKGGF GFRKGGPDDR GMGSSRESRG GWDSRDDFNS GFRDDFLGGR GGSRPGDRRT GPPMGSFRFD GPPLRGSNMD FREPTEEERA QRPRLQLKPR TVATPLNQVA NPNSAIFGGA RPREEVVQKE QE.
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	EIF4H protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT. Greater than 90.0% 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**