

Eukaryotic Translation Initiation Factor 1A Y-linked Recombinant Hu-

Item Number	rAP-3240
Synonyms	Eukaryotic translation initiation factor 1A Y chromosome, Eukaryotic translation initiation factor 4C, eIF-4C, eIF-1A Y isoform.
Description	EIF1AY produced in E.Coli is a single, non-glycosylated polypeptide chain containing 167 amino acids (1-144.a.a) and having a molecular mass of 18.8kDa. EIF1AY is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O14602
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MSSMNPEYDY LFKLLIGDS GVGKSCLLLR FADDTYTESY ISTI-GVDFKI RTIELDGKTI KLQIWDTAGQ ERFRTITSSY YRGAHGIIVV YDVTQESFN NVKQWLQEID RY-ASENVNKL LVGNKCDLTT KKVVDYTTAK EFADSLGIPF LETSAKNATN & VEQSFMTMAA EIK-KRMGPGA TAGGAEKSNV KIQSTPVKQS GGGCC
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. Please avoid freeze thaw cycles.
Formulation and Purity	The EIF1AY protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 20% glycerol. Greater than 95% 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**