

Eukaryotic Translation Initiation Factor 1 X-linked Human Recombinant

Item Number	rAP-3257
Synonyms	eukaryotic translation initiation factor 1A, X-linked, eIF-4C, EIF1A, EIF4C, eIF-1A, EIF1AP1.
Description	EIF1AX Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 150 amino acids (1-144a.a.) and having a molecular weight of 18.6kDa. EIF1AX is fused to 20a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P47813
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MPKNKGKGGK NRRRGKNENE SEKRELVFKE DGQEYAQVIK MLGNRLEAM CFDGVKRLCH IRGKLKKVW INTSDIILVG LRDYQDNKAD VILKYNADEA RSLKAYGELP EHAKINETDT FGPGDDDEIQ FDDIGDDDED IDDI
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 EIF1AX protein solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH8.0) containing 5mM DTT, 200mM NaCl and 40% glycerol. 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**