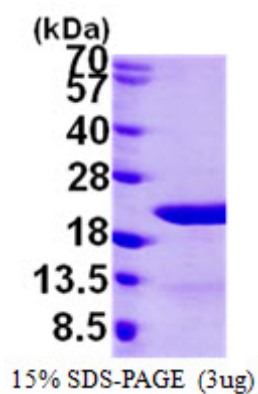


AR09842PU-L

Human EIF1AY (1-144, His-tag) - Purified

Alternate names:	Eukaryotic translation initiation factor 1A Y-chromosomal, Eukaryotic translation initiation factor 4C, eIF-1A Y isoform, eIF-4C
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	EIF1AY is similar to eukaryotic translation initiation factor 1A (EIF1A). This protein seems to be required for maximal rate of protein biosynthesis. It enhances ribosome dissociation into subunits and is required for the binding of the 43S complex (a 40S subunit, eIF2/GTP/Met-tRNAi and eIF3) to the 5' end of capped RNA.
Uniprot ID:	O14602
NCBI:	NP_004672
GeneID:	9086
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 100 mM NaCl, 20% Glycerol
Description:	Recombinant human EIF1AY protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMPKNKGK GGKNRRRGKN ENESEKRELV FKEDGQEYAQ VIKMLGNGRL EALCFDGVKR LCHIRGKLRK KVVINTSDII LVGLRDYQDN KADVILKYNA DEARSLKAYG ELPEHAKINE TDTFGPGDDD EIQFDDIGDD DEDIDDI Molecular weight: 18.8 kDa confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher).
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Mahbybyl Huq AH., et al. (2009) J Child Neurol. 24(10):1258-61.

Pictures:



Recombinant human EIF1AY, 1-144aa, His-tagged

