

Datasheet for ABIN667872

EIF1AY Protein (AA 1-144) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	EIF1AY
Protein Characteristics:	AA 1-144
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF1AY protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	EIF1AY, 1-144aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	EIF1AY
Alternative Name:	EIF1AY (EIF1AY Products)
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. Recombinant human EIF1AY protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Target Details

Synonyms: Eukaryotic translation initiation factor 1A, Y-linked, eIF-1A Y isoform, eukaryotic translation initiation factor 4C(eIF-4C). NCBI no.: NP_004672

Molecular Weight: 18.8 kDa(167aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Application Details

Restrictions: For Research Use only

Handling

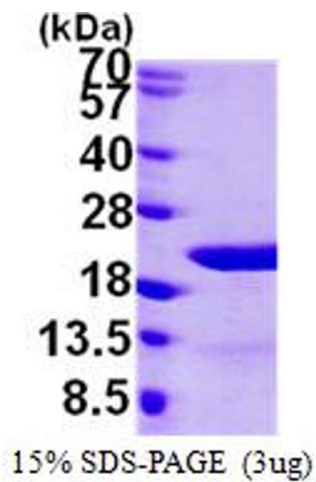
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1 mM DTT, 100 mM NaCl, 20% Glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.