

## Product datasheet

# Recombinant Human EIF1AY protein ab103788

1 Image

### Description

<b>Product name</b>	Recombinant Human EIF1AY protein
<b>Purity</b>	> 95 % SDS-PAGE. ab103788 was purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>O14602</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<b>MGSSHHHHHSSGLVPRGSHMGSMPKNKGKGGKNRR</b> RGKNENESEKRELV FKEDGQEYAQVIKMLGNRLEALCFDGVKRLCHIRGKLRK KVVINTSDII LVGLRDYQDNKADVILKYNADEARSLKAYGELPEHAKINET DTFGPGDDD EIQFDDIGDDDEDIDDI
<b>Predicted molecular weight</b>	19 kDa including tags
<b>Amino acids</b>	1 to 144
<b>Tags</b>	His tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab103788** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Mass Spectrometry SDS-PAGE
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

### Preparation and Storage

## Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## General Info

### Function

Seems to be required for maximal rate of protein biosynthesis. Enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40 S ribosomal subunits.

### Tissue specificity

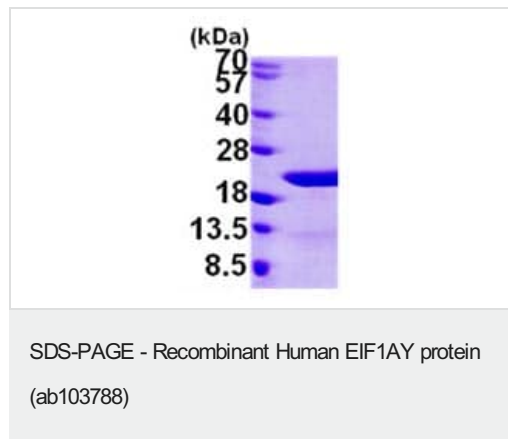
Ubiquitous.

### Sequence similarities

Belongs to the eIF-1A family.

Contains 1 S1-like domain.

## Images



15% SDS-PAGE analysis of 3µg ab103788.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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