9051 Mira Mesa Blvd, #910094
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EIF1AY Human

Eukaryotic Translation Initiation Factor 1A Y-linked Recombinant Human RCP0730

Product Overview

Name	EIF1AY Human

Description

Eukaryotic Translation Initiation Factor 1A Y-linked Recombinant Human

Accession (Primary)	O14602

Synonyms

Eukaryotic translation initiation factor 1A Y chromosome, Eukaryotic translation initiation factor 4C, eIF-4C, eIF-1A Y isoform.

Introduction

EIF1AY is comparable to eukaryotic translation initiation factor 1A (EIF1A). EIF1AY protein is essential for highest rate of protein biosynthesis. EIF1AY increases ribosome dissociation into subunits and is obligatory for the binding of the 43S complex (a 40S subunit, eIF2/GTP/Met-tRNAi and eIF3) to the 5' end of capped RNA.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

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.

Stability

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.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MPKNKGK GGKNRRRGKN ENESEKRELV FKEDGQEYAQ VIKMLGNGRL EALCFDGVKR LCHIRGKLRK KVWINTSDII LVGLRDYQDN KADVILKYNA DEARSLKAYG ELPEHAKINE TDTFGPGDDD EIQFDDIGDD DEDIDDI.

Precautions

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EIF1AY Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O14602)