

Recombinant Human EIF1AY, His-tagged

Cat. No. EIF1AY-28548TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human EIF1AY with N terminal His tag; 167 amino acids with tag; MWt 18.8 kDa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	144 amino acids
Description	This gene encodes a protein similar to eukaryotic translation initiation factor 1A (EIF1A). EIF1A 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.
Conjugation	HIS
Molecular Weight	18.800kDa inclusive of tags
Tissue specificity	Ubiquitous.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Sodium chloride, 1mM DTT, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMGSMPPKNKGKGGKNRRRGKNENESKRELVFKE DGQEYAQVIKMLGNRLEALCFDGVKRLCHIRGKLRKKVWINTSDIILVGLRDYQDN KADVILKYNADEARSLKAYGELPEHAKINETDTFGPGDDDEIQFDDIGDDDEDIDDI
Sequence Similarities	Belongs to the eIF-1A family.Contains 1 S1-like domain.
GENE INFORMATION	
Gene Name	EIF1AY eukaryotic translation initiation factor 1A, Y-linked [Homo sapiens]
Official Symbol	EIF1AY
Synonyms	EIF1AY; eukaryotic translation initiation factor 1A, Y-linked; eukaryotic translation initiation factor 1A, Y chromosome; eukaryotic translation initiation factor 1A, Y-chromosomal;
Gene ID	9086
mRNA Refseq	NM_004681
Protein Refseq	NP_004672
MIM	400014
Uniprot ID	O14602
Chromosome Location	Y

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Pathway	RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Translation Factors, organism-specific biosystem;
Function	RNA binding; protein binding; translation initiation factor activity;

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