

Recombinant Human EIF1AY, GST-tagged

Cat. No. EIF1AY-12346H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF1AY protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-144a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	EIF1AY eukaryotic translation initiation factor 1A, Y-linked [Homo sapiens]
Official Symbol	EIF1AY

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Synonyms	EIF1AY; eukaryotic translation initiation factor 1A, Y-linked; eukaryotic translation initiation factor 1A, Y chromosome; eukaryotic translation initiation factor 1A, Y-chromosomal; eIF-4C; eIF-1A Y isoform; eukaryotic translation initiation factor 4C;
Gene ID	9086
mRNA Refseq	NM_004681
Protein Refseq	NP_004672
MIM	400014
UniProt ID	O14602
Chromosome Location	Y
Pathway	RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Translation Factors, organism-specific biosystem;
Function	RNA binding; protein binding; translation initiation factor activity;