

Recombinant Human EIF2A, GST-tagged

Cat. No. EIF2A-12348H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF2A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
Description	EIF2A is a 65-kD protein that catalyzes the formation of puromycin-sensitive 80S preinitiation complexes (Zoll et al., 2002 [PubMed 12133843]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	EIF2A eukaryotic translation initiation factor 2A, 65kDa [Homo sapiens]
Official Symbol	EIF2A
Synonyms	EIF2A; eukaryotic translation initiation factor 2A, 65kDa; eukaryotic translation

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

initiation factor 2A; EIF 2A; 65 kDa eukaryotic translation initiation factor 2A; CDA02;
EIF-2A; MST089; MSTP004; MSTP089;

Gene ID [83939](#)

mRNA Refseq [NM_032025](#)

Protein Refseq [NP_114414](#)

MIM [609234](#)

UniProt ID [Q9BY44](#)

**Chromosome
Location** 3q25.1

Pathway IL-6 Signaling Pathway, organism-specific biosystem; TGF-beta receptor signaling,
organism-specific biosystem;

Function ribosome binding; tRNA binding; translation initiation factor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA