

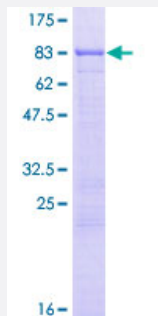
Full-Length

EIF2A (Human) Recombinant Protein (P01)

Catalog # H00083939-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EIF2A full-length ORF (AAH11885.1, 1 a.a. - 585 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAPSTPLLTVRGSEGLYMVNGPPHFTSTVFPRESGKNCKVCIFSKDGTLFAWGNGEKVNIISVT
NKGLLHSFDLLKAVCLEFSPKNTVLATWQPYTTSKDGTAGIPNLQLYDVKGTCLKSFIQKKMQN
WCPSWSEDETLCAENVNNEVHFFENNNFNTIANKLHLQKINDFVLSGPGQPYKVAVVYPGSKGA
PSFVRLYQYPNFAAGPHAALANKSFFKADKVTMLWNKKATAVLVIASTDVDKTGASYYGEQTLHYA
TNGESAVVQLPKNGPIYDVVWNSSSTEFCAVYGFMPAKATIFNLKCDPVFDFGTGPRNAAYSPH
GHILVLAFGNLRGQMEVWDVKNYKLISKPVASDSTYFAWCPCDGEHILTATCAPRLRVNNGYKIW
HYTGSILHKYDVPSNAELWQVSWQPFLDGIFPAKTITYQAVPSEVPNEEPKVATAYRPPALRNKPIT
NSKLHEEEPPQNMKPQSGNDKPLSKTALKNQKHEAKKAAKQEARSDKSPDLAPTPAPQSTPR
NTVSQSIGSDPEIDKKIKNLKKKLKAIEQLKEQAATGKQLEKNQLEKIQKETALLQELEDLKLGI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.4

Interspecies Antigen Sequence

Mouse (93); Rat (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EIF2A

Entrez GeneID	83939
GeneBank Accession#	BC011885.1
Protein Accession#	AAH11885.1
Gene Name	EIF2A
Gene Alias	CDA02, EIF-2A, MST089, MSTP004, MSTP089
Gene Description	eukaryotic translation initiation factor 2A, 65kDa
Omim ID	609234
Gene Ontology	Hyperlink
Gene Summary	EIF2A is a 65-kD protein that catalyzes the formation of puromycin-sensitive 80S preinitiation complexes (Zoll et al., 2002 [PubMed 12133843]).[supplied by OMIM]
Other Designations	eukaryotic translation initiation factor 2A

Disease

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