

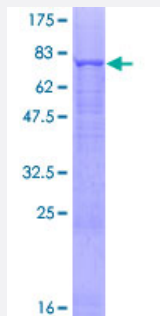
Full-Length

EIF2S3 (Human) Recombinant Protein (P01)

Catalog # H00001968-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EIF2S3 full-length ORF (NP_001406.1, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGGEAGVTLGQPILSRQDLTTLDTVKLTPLSHEVISRQATINIGTIGHVAHGKSTVVKAISGVHTV
RFKNELERNITIKLGANAKIYKLDDPSCPRPECYRSCGSSTPDEFPTDIPGTKGNFKLVRHVSFVD
CPGHDILMATMLNGAAVMDAALLLIAGNESCPQPQTSEHLAAIEIMKLKHILQNKIDLVKESQAKE
QYEQILAFVQGTVAEGAPIIPISAQLKYNIEVVCEYVKKIPVPPRDFTSPEPLMIRSFDVNKPGCEVD
DLKGGVAGGSILKGVKVGQIEVRPGVSKDSEGKLMCKPIFSKIVSLFAEHNDLQYAAPGGLIGV
GTKIDPTLCRADRMVGQVLGAVGALPEIFTELEISYFLLRRLGLVRTEGDKKAAKVQKLSKNEVLM
VNIGSLSTGGRVSAVKADLGKMLTNPVCTEVGEKIALSRRVEKHWRLIGWGQIRRGVTIKPTVDDD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.5

Interspecies Antigen Sequence

Mouse (99); Rat (99)

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 — EIF2S3

Entrez GeneID	1968
GeneBank Accession#	NM_001415.3
Protein Accession#	NP_001406.1
Gene Name	EIF2S3
Gene Alias	EIF2, EIF2G, EIF2gamma, eIF-2gA
Gene Description	eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa
Omim ID	300161
Gene Ontology	Hyperlink
Gene Summary	subunit 3 gamma
Other Designations	eukaryotic translation initiation factor 2 subunit 3 eukaryotic translation initiation factor 2, subunit 3 (gamma, 52kD) eukaryotic translation initiation factor 2G

Disease

- [Arthritis](#)

- [Genetic Predisposition to Disease](#)