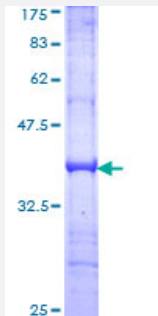


EIF2AK4 (Human) Recombinant Protein (Q02)

Catalog # H00440275-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EIF2AK4 partial ORF (AAH09350, 730 a.a. - 829 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YETQVQTRLQTS LANLHQKSSEIEILAVDLPKETILQFLSLEWDADEQAFNTTVKQLLSRLPKQRYL KLVCD EYNIKVEKKVSVLFLYSYRDDYYRILF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — EIF2AK4

Entrez GeneID [440275](#)

GeneBank Accession# [BC009350](#)

Protein Accession# [AAH09350](#)

Gene Name EIF2AK4

Gene Alias GCN2, KIAA1338

Gene Description eukaryotic translation initiation factor 2 alpha kinase 4

Omim ID [609280](#)

Gene Ontology [Hyperlink](#)

Gene Summary EIF2AK4 belongs to a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2S1; MIM 603907) to downregulate protein synthesis in response to varied cellular stresses (Berlanga et al., 1999 [PubMed 10504407]).[supplied by OMIM]

Other Designations GCN2 eIF2alpha kinase