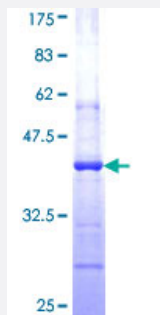


EIF2C1 (Human) Recombinant Protein (Q01)

Catalog # H00026523-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EIF2C1 partial ORF (NP_036331, 101 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VTALPIGNERVDFEVTIPGEGKDRIFKVSIKWLAISWRMLHEALVSGQIPVPLESVQALDVAMRHL ASMRYTPVGRSFFSPPEGYYHPLGGGREVWFGF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (100); 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 — EIF2C1

Entrez GeneID [26523](#)

GeneBank Accession# [NM_012199](#)

Protein Accession# [NP_036331](#)

Gene Name EIF2C1

Gene Alias AGO1, DKFZp686M13167, EIF2C, GERP95, Q99

Gene Description eukaryotic translation initiation factor 2C, 1

Omim ID [606228](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of closely related family members including argonaute 3, and argonaute 4. [provided by RefSeq]

Other Designations Golgi Endoplasmic Reticulum protein 95 kDa|OTTHUMP00000008519|argonaute 1|putative RNA-binding protein Q99

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