

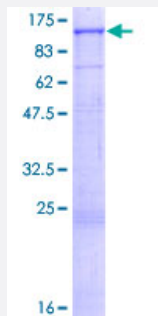
Full-Length

EIF2C4 (Human) Recombinant Protein (P01)

Catalog # H00192670-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EIF2C4 full-length ORF (NP_060099.2, 1 a.a. - 861 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEALGPGPPASLFQPPRRPGLGTVGKPIRLLANHFQVQIPKIDVYHYDVDIKPEKRPRRVNREVVD
TMVRHFKMQIFGDRQPGYDGKRNMVTAHPLIGRDRVDMEVTLPGEGKDQTFKVSQWWSVVS
LQLLLEALAGHLNEVPDDSVQALDVITRHLPSMRYTPVGRSFFSPPEGYHPLGGGREVWFGFH
QSVRPAMWNMMLNIDVSATAFYRAQPIIEFMCEVLDIQNINEQTKPLTDSQRVKFTKEIRGLKVEVT
HCGQMCRKYRVCNVTRRPASHQTFPLQLENGQAMECTVAQYFKQKYSLQLKYPHLPCLQVGQE
QKHTYLPLEVCNIVAGQRCIKKLTDNQSTMIKATARSAPDRQEEISRLVKSNSMVGGPDPYLKEF
GIVVHNEMTELTGRVLPAPMLQYGGRNKTVATPNQGVWDMRGKQFYAGIEIKVWAVACFAPQKQ
CREDLLKSFTDQLRKISKDAGMPIQGQPCFCKYAQGADSVEPMFKHLKMTYVGLQLMVILPGKTP
VYAEVKRVGDTLLGMATQCVQVKNVVKTSPTLSNLCLKINAKLGGINNVLVPHQRPSVFQQPVIF
LGADVTHPPAGDGKKPSIAAVVGSMDGHPSTRYCATVRVQTSRQEISQELLYSQEVIQDLTNMRE
LLIQFYKSTRFKPTRIYYRGGVSEGQMKQVAWPELIAIRKACISLEEDYRPGITYMVQKRHHTRLFCA
DKTERVKGSGNPAGTTVDSTITHPSEDFYLCSHAGIQGTSRPSHYQVLWDDNCFTADELQLLT
YQLCHTYVRCRTRSVIPAPAYARLVAFRARYHLVDKDHDSDAEGSHVSGQSNRDPQALAKAVQI
HHDTQHTMYFA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

123.5

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 — EIF2C4

Entrez GeneID	192670
GeneBank Accession#	NM_017629.2
Protein Accession#	NP_060099.2
Gene Name	EIF2C4
Gene Alias	AGO4
Gene Description	eukaryotic translation initiation factor 2C, 4
Omim ID	607356
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 containing PAZ and PIWI domains, and it may 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 eukaryotic translation initiation factor 2C, 1. [provided by RefSeq]
Other Designations	OTTHUMP00000004431 argonaute 4