

Recombinant Full Length Human EIF2C3 Protein, GST-tagged

Cat. No. EIF2C3-4571HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF2C3 full-length ORF (NP_803171.1, 1 a.a. - 626 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	626 amino acids
Description	This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a tandem cluster of closely related family members including argonaute 4 and eukaryotic translation initiation factor 2C, 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	97.6 kDa
AA Sequence	MCEVLDIHNIDEQPRPLTDSHRVKFTKEIKGLKVEVTHCGTMRRKYRVCNVTRRPAS HQTFFPLQLENGQTVERTVAQYFREKYTLQLKYPHLPCLQVGQEQKHTYLPLEVCNIV AGQRCIKKLTNDQTSTMIKATARSAPDRQEEISRLVRSANYETDPFVQEFQFKVRDE MAHVTGRVLPAPMLQYGGNRNTVATPSHGVWDMRGKQFHTGVEIKMWAIACFAT QRQCREEILKGFTDQLRKISKDAGMPIQGQPCFCKYAQGADSVEPMFRHLKNTYSG LQLIIVILPGKTPVYAEVKRVGDTLLGMATQCVQVKNVIKTSPQTLNLCCLKINVKLGGI

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NNILVPHQRPSVFQQPVIFLGADVTHPPAGDGKKPSIAAVVGSMDAHPSRYCATVRV
 QRPRQEIIQDLASMVRELLIQFYKSTRFKPTRIIFYRDGVSEGQFRQVLYYELLAIREA
 CISLEKDYQPGITYIVVQKRHHTRLFCADRTERVGRSGNIPAGTTVDTDITHPYEFD
 YLCSHAGIQGTSRPSHYHVLWDDNCFTADELQLLTYQLCHTYVRCTRSVSIPAPAYY
 AHLVAFRARYHLVDKEHDSAEGSHVSGQSNRDPQALAKAVQIHQDTLRTMYFA

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EIF2C3 eukaryotic translation initiation factor 2C, 3 [Homo sapiens]

Official Symbol

EIF2C3

Synonyms

EIF2C3; eukaryotic translation initiation factor 2C, 3; protein argonaute-3; AGO3;
 argonaute 3; FLJ12765; hAgo3; eIF2C 3; eIF-2C 3; argonaute3; MGC86946;

Gene ID

192669

mRNA Refseq

NM_024852

Protein Refseq

NP_079128

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MIM	607355
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UniProt ID	Q9H9G7
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