

Recombinant Full Length Human EIF2C2 Protein, GST-tagged

Cat. No. EIF2C2-4570HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF2C2 full-length ORF (AAH07633.1, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	377 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, 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]
Molecular Mass	68.03 kDa
AA Sequence	MPIQGQPCFCKYAQGADSVPEPMFRHLKNTYAGLQLVVVILPGKTPVYAEVKRVGDT VLGMATQCVQMKNVQRTTPQTLNLCLKINVKLGGVNNILLPQGRPPVFQQPVIFLG ADVTHPPAGDGKKPSIAAVVGSMDAHPNRYCATVRVQQHRQEIIDLAAMVRELLIQ FYKSTRFKPTRIIFYRDGVSEGQFQQVLHHELLAIREACIKLEKDYQPGITFIVVQKRH HTRLFCTDKNERVGKSGNIPAGTTVDTKITHPTEFDYLC SHAGIQGTSRPSHYHVL WDDNRFSSDELQILTYQLCHTYVRCTRSVSIPAPAYYAHLVAFRARYHLVDKEHDSA EGSHTSGQSNGRDHQALAKAVQVHQDTLRTMYFA

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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	EIF2C2 eukaryotic translation initiation factor 2C, 2 [Homo sapiens]
Official Symbol	EIF2C2
Synonyms	EIF2C2; eukaryotic translation initiation factor 2C, 2; protein argonaute-2; AGO2; argonaute 2; Q10; PPD; hAgo2; eIF2C 2; eIF-2C 2; argonaute2; protein slicer; PAZ Piwi domain protein; MGC3183;
Gene ID	27161
mRNA Refseq	NM_001164623
Protein Refseq	NP_001158095
MIM	606229
UniProt ID	Q9UKV8

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