

Recombinant Human AGO4 Protein, GST-tagged

Cat. No. AGO4-3168H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF2C4 full-length ORF (NP_060099.2, 1 a.a. - 861 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the Argonaute family of proteins which contain PAZ and PIWI domains and play an integral role in RNA interference and short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of related family members. [provided by RefSeq, Mar 2017]
Molecular Mass	123.5 kDa
AA Sequence	MEALGPGPPASLFQPPRRPGLGTVGKPIRLLANHFQVQIPKIDVYHYDVDIKPEKRP RRVNREVVDTMVRHFKMQIFGDRQPGYDGKRNMYTAHPLPIGRDRVDMEVTLPGE GKDQTFKVSQWVSVVSLQLLLEALAGHLNEVPDDSVQALDVITRHLPSMRYTPVG RSFFSPPEGYYHPLGGGREVWFGFHQSVRPAMWNMMLNIDVSATAFYRAQPIIEF MCEVLDIQNINEQTKPLTDSQRVKFTKEIRGLKVEVTHCGQMKRKYRVCNVTRRPAS HQTFFPLQLENGQAMECTVAQYFKQKYSLLKYPHLPCLQVGQEYKHTYLPLEVCNI VAGQRCIKKLTDNQTSTMIKATARSAPDRQEEISRLVKSNMVGGPDPYLKEFGIVV HNEMTELTGRVLPAPMLQYGGRNKTVATPNQGVWDMRGKQFYAGIEIKVWAVACF APQKQCREDLLKSFTDQLRKISKDAGMPIQGQPCFKYAQGADSVPEPMFKHLKMTY VGLQLIVVILPGKTPVYAEVKRVGDTLLGMATQCVQVKNVVKTSPTLSNLCLKINAK

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LGGINNVLVPHQRPSVFQQPVIFLGADVTHPPAGDGKKPSIAAVVGSMDGHPSRYC
 ATVRVQTSRQEISQELLYSQEVIQDLTNMVRELLIQFYKSTRFKPTRIIYYRGGVSEG
 QMKQVAWPELIAIRKACISLEEDYRPGITYIVVQKRHHTRLFCADKTERVGKSGNVPA
 GTTVDSTITHPSEFDLYLCSHAGIQGTSRPSHYQVLWDDNCFTADELQLLTYQLCHT
 YVRCTRSVSIPAPAYYARLVAFRARYHLVDKDHDSAEGSHVSGQSNRDPQALAKA
 VQIHHDQTQHTMYFA

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

AGO4 argonaute 4, RISC catalytic component [Homo sapiens (human)]

Official Symbol

AGO4

Synonyms

AGO4; argonaute 4, RISC catalytic component; EIF2C4; eukaryotic translation initiation factor 2C, 4; protein argonaute-4; FLJ20033; KIAA1567; hAgo4; eIF2C 4; eIF-2C 4; argonaute4;

Gene ID

192670

mRNA Refseq

NM_017629

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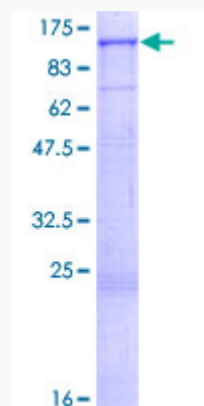
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Protein Refseq NP_060099

MIM 607356

UniProt ID Q9HCK5

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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