

Recombinant Human AGO2 Protein

Cat. No. AGO2-02H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGO2 Protein was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	Liquid. In 20 mM Tris-HCl, 1 M NaCl, pH8.0, with 10% glycerol.
Molecular Mass	~30.4 kDa
AA Sequence	CEVLDFKSIEEQKPLTDSQRVKFTKEIKGLKVEITHCGQMKRKYRVCNVTRRPASH QTFPLQQESGQTVECTVAQYFKDRHKLVLRYPHLPCLQVGQEQKHTYLPLEVCNIV AGQRCIKKLTNDQTSTMIRATARSAPDRQEEISKLMRSASFNTDPYVREFGIMVKDE MTDVTGRVLQPPSILYGGRNKAIATPVQGVWDMRNKQFHTGIEIKVWAIACFAPQR QCTEVHLKSFTEQLRKISR DAGMPIQQGPCFCKYAQGADS
Purity	>90%
Storage	Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20%

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glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.

Concentration 0.24 mg/ml

Official Full Name Argonaute RISC catalytic component 2

GENE INFORMATION

Gene Name AGO2 argonaute RISC catalytic component 2 [Homo sapiens (human)]

Official Symbol AGO2

Synonyms PPD; Q10; CASC7; EIF2C2; LESKRES; LINC00980

Gene ID 27161

mRNA Refseq NM_001164623

Protein Refseq NP_001158095

MIM 606229

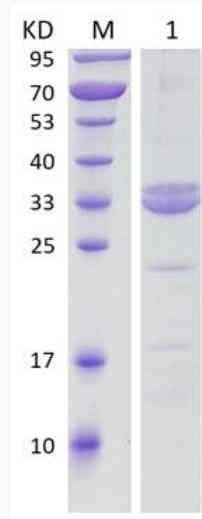
UniProt ID Q9UKV8

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SDS-PAGE



15% SDS-PAGE analysis profiles of purified AGO2 (CBB stained).

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