

## Recombinant Human AGO2 Protein, MYC/DDK-tagged

Cat. No. AGO2-526H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AGO2, transcript variant 2, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	93.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** AGO2 argonaute 2, RISC catalytic component [ Homo sapiens ]

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<b>Official Symbol</b>	AGO2
<b>Synonyms</b>	PPD; Q10; CASC7; EIF2C2; LINC00980
<b>Gene ID</b>	27161
<b>mRNA Refseq</b>	NM_001164623
<b>Protein Refseq</b>	NP_001158095
<b>MIM</b>	606229
<b>UniProt ID</b>	Q9UKV8

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