

Human AGO2 Knockdown Cell Lysate

Cat. No. AGO2-029HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated AGO2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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	Cell-Tissue Lysis buffer
Molecular Mass	97 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg AGO2 KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	AGO2 argonaute RISC catalytic component 2 [Homo sapiens (human)]
Official Symbol	AGO2
Synonyms	AGO2; argonaute RISC catalytic component 2; PPD; Q10; CASC7; EIF2C2; LESKRES; LINC00980; protein argonaute-2; PAZ Piwi domain protein; argonaute 2, RISC catalytic component; cancer susceptibility candidate 7 (non-protein coding); eukaryotic translation initiation factor 2C, 2; long intergenic non-protein coding RNA 980; protein slicer; EC 3.1.26.n2
Gene ID	27161
mRNA Refseq	NM_012154
Protein Refseq	NP_036286
MIM	606229
UniProt ID	Q9UKV8

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