

Recombinant Human Ago1 protein ab162000

1 References 1 Image

Description

Product name	Recombinant Human Ago1 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Sequence

MEAGPSGAAAGAYLPPLQQVFQAPRRPGIGTVGKPIKLLA
NYFEVDIPKI
DVYHYEVDIKPDKCPRRVNREVVEYMQHFQKQIFGDRK
PVYDGKKNIYT
VTALPIGNERVDFEVTIPGEGKDRIFKVSIKWLAMSWRMLH
EALVSGQI
PVPLESVQALDVAMRHLASMRYTPVGRSFFSPPEGYYHP
LGGGREVWFGF
HQSVRPAMWKMMLNIDVSATAFYKAQPVIEFMCEVLDIRN
IDEQPKPLTD
SQRVRFTKEIKGLKVEVTHCGQMCRKYRVCNVTRRPASH
QTFPLQLESGQ
TVECTVAQYFKQKYNLQLKYPHLPCLQVGQEQKHTYLPLE
VCNIVAGQRC
IKKLTDNQTSTMIKATARSAPDRQEEISRLMKNASYNLDPYI
QEFGIKVK
DDMTEVTGRVLPAPILQYGGRNRAIATPNQGVWDMRGKQ
FYNGIEIKVWA
IACFAPQKQCREEVLKNFTDQLRKISKDAGMPIQGQPCFC
KYAQGADSV
PMFRHLKNTYSGLLIVILPGKTPVYAEVKRVGDTLLGMAT
QCVQVKNV
VKTSPQTLNLCCLKINVKLGGINNILVPHQRSVAVFQQPVIFL
GADVTHPP
AGDGKKPSITAVVGSMDAHPSTRYCATVRVQRPRQEIIEDL
SYMVRELLIQ
FYKSTRFKPTRIIFYRDGVPEGQLPQILHYELLAIRDACIKLE
KDYQPGI
TYVVQKRHHTRLFCADKNERIGKSGNIPAGTTVDTNITHPF

EFD FY LCS
HAGIQGTSRPSHYV LWDDNRFTADELQILTYQLCHTYVRC
TRSVSIPAP
A YYARLVAFRARYHLVDKEHDSGEGSHISGQSN GRDPQA
LAKAVQVHQDT LRTMYFA

Amino acids 1 to 857
Tags GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab162000** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications ELISA
Western blot
Form Liquid
Additional notes

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

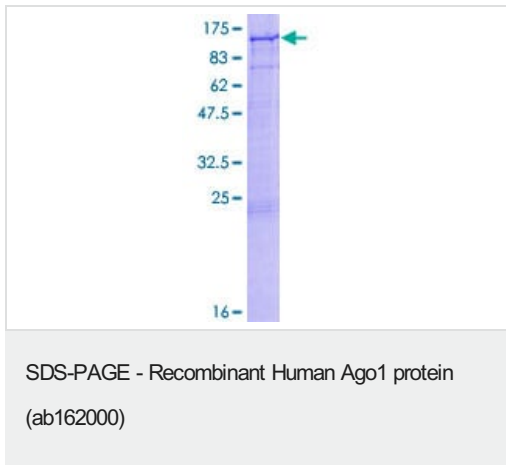
General Info

Function Required for RNA-mediated gene silencing (RNAi). Binds to short RNAs such as microRNAs (miRNAs) or short interfering RNAs (siRNAs), and represses the translation of mRNAs which are complementary to them. Lacks endonuclease activity and does not appear to cleave target mRNAs. Also required for transcriptional gene silencing (TGS) of promoter regions which are complementary to bound short antigenic RNAs (agRNAs).

Sequence similarities Belongs to the argonaute family. Ago subfamily.
Contains 1 PAZ domain.
Contains 1 Piwi domain.

Cellular localization Cytoplasm > P-body.

Images



ab162000 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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