

Protein argonaute 12 (AGO12), Recombinant Protein

Cat *RP12300*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Protein argonaute 12 (AGO12), partial

Product Gene Name

AGO12 recombinant protein

Product Synonym Gene Name

AGO12

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

115,246 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Protein argonaute

NCBI Accession

Q7Y001.2

NCBI GI

251764800

NCBI Official Full Name

Protein argonaute 12

UniProt Gene Name

AGO12

UniProt Synonym Gene Names

OsAGO12

UniProt Protein Name

Protein argonaute 12

UniProt Primary Accession

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Protein argonaute 12 (AGO12), Recombinant Protein

Cat *RP12300*

Q7Y001

UniProt Secondary Accession

Q0DPL4; Q10F40

UniProt Comments

Probably involved in the RNA silencing pathway. May bind to short RNAs such as microRNAs (miRNAs) or short interfering RNAs (siRNAs), and represses the translation of mRNAs which are complementary to them .

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