

Mouse AGO2 / Argonaute 2 (His Tag) recombinant protein



Catalog Number: 500668

General Information

Gene Name Synonym

Argonaute RISC catalytic component 2;
Eukaryotic translation initiation factor 2C 2;
Piwi/argonaute family protein meIF2C2; Protein slicer

Protein Construction

A DNA sequence encoding the mouse AGO2 (Q8CJG0) (Met 1-Ala 860) was fused with a polyhistidine tag at the N-terminus.

Organism

Mouse

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 88 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant mouse AGO2 consists of 878 amino acids and has a calculated molecular mass of 99 kDa. It migrates as an approximately 105 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly

- 5 % trehalose and mannitol are added as protectants before lyophilization.
- Please contact us for any concerns or special requirements.

Usage Guide

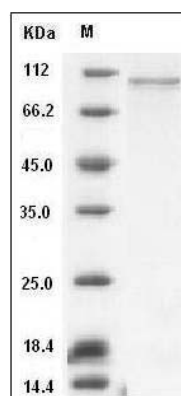
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Mouse AGO2 / Argonaute 2 / EIF2C2 Protein (His Tag) SDS-PAGE