

Human eIF2C 3/Argonaute3 (His Tag) recombinant protein



Catalog Number: 500155

General Information

Gene Name Synonym

Argonaute RISC catalytic component 3;
Eukaryotic translation initiation factor 2C 3

Protein Construction

A DNA sequence encoding the human EIF2C3 (Q9H9G7-1) (Met 1-Ala 860) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 88 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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 human EIF2C3 consists of 878 amino acids and predicts a molecular mass of 99.6 kDa. It migrates as an approximately 90 kDa band in SDS-PAGE under reducing conditions.

Formulation

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

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

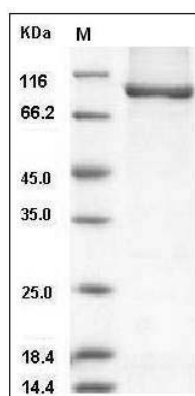
Storage

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



Human AGO3 / Argonaute 3 / EIF2C3 Protein (His Tag) SDS-PAGE