Recombinant Human AGO2/Argonaute 2/EIF2C2 Protein (His Tag)

RPES3815

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES3815

Contents: 100µg, 1mg
Bradford Reagent: 1 vial (2ml)

Species: Human

Synonyms: Argonaute 2, EIF2C2, Q10

Tag: N-His

Expression Host: Baculovirus-Insect Cells

Calculated MW: 99.0 kDa

Observed MW: 99 kDa

Purity: > 85 % as determined by reducing SDS-PAGE.

Concentration: -

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

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Bio-Activity: Human AGO2 can bind Let-7a RNA and cleave target RNA (21nt).

Formulation: Lyophilized from sterile 20mM Tris, 500mM NaCl, pH7.4,10% glycerol,2mM DTT Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Reconstitution: Please refer to the printed manual for detailed information.

Accession: NP_036286.2

Source: Baculovirus-Insect Cells-derived Human AGO2/Argonaute 2/EIF2C2 protein Met 1- Ala 859, with an N-terminal His

Sequence: Met 1-Ala 859

Form: Lyophilized powder

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.