Human EIF4A3 Recombinant protein (GST tag)

Catalog Number: 507510

General Information

Gene Name Synonym

eIF-4A-III; eIF4A-III; EC 3.6.4.13; ATP-dependent RNA helicase DDX48; ATP-dependent RNA helicase eIF4A-3; DEAD box protein 48; Eukaryotic initiation factor 4A-like NUK-34; Eukaryotic translation initiation factor 4A isoform 3; Nuclear matrix protein 265; NMP 265; hNMP 265 [Cleaved into: Eukaryotic initiation factor 4A-III, N-terminally processed]

Protein Construction

A DNA sequence encoding the human EIF4A3 (NP_055555.1) 1-411 aa was fused with the N-terminal GST tag

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Not tested.

Endotoxin

Please contact the lab for more information.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

Formulation

Protein lyophilized in sterile PBS (58 mM Na2HPO4, 17 mM NaH2PO4, 68 mM NaCl, 100 mM GSH, pH 8.0). Trehalose (5-8%) and mannitol (5-8%) protectants were added before lyophilization.

Usage Guide

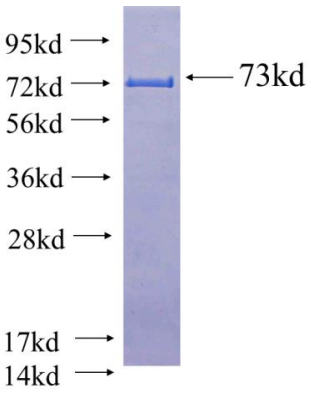
Storage

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

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

SDS-PAGE



Recombinant human EIF4A3(Full length) SDS-PAGE