Recombinant MEX3D protein (His tag)

Catalog Number	547655
Synonyms	RING finger and KH domain-containing protein 1; RING finger protein 193; TINO
Species	Human
Expression System	E. coli
Accession	Q86XN8
Molecular Weight	Predictes a molecular mass of 19.80 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 20 kDa band.

Product Information

Sequence Region	177-342
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 177-342 aa (Q86XN8) were fused with 6His tag.

Storage & Handling

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.
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.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	This recombinant protein product features a specific fragment (amino acids 177-342) of human RNA-binding protein MEX3D, encompassing both KH domains (KH1 and KH2). This carefully designed fragment serves as an ideal tool for researchers investigating the RNA-binding capabilities and post-transcriptional regulatory functions of MEX3D. MEX3D, also known as RING finger and KH domain-containing protein 1 or RING finger protein 193, is an RNA-binding protein involved in post-transcriptional regulatory mechanisms. The full-length protein exhibits dual subcellular localization, predominantly expressed in the cytoplasm while also capable of shuttling between the cytoplasm and nucleus through the CRM1 export pathway. This dynamic localization supports its role in RNA processing and regulation across cellular compartments, making it a significant target for studying RNA metabolism and gene expression control.