Recombinant RBMS3 protein (His tag)

Catalog Number	542955
Species	Human
Expression System	E. coli
Accession	Q6XE24
Molecular Weight	Predictes a molecular mass of 20.00 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 20 kDa band.

Product Information

Sequence Region	58-225
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 58-225 aa (Q6XE24) 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	Recombinant Human RBMS3 (RNA-binding motif, single-stranded-interacting protein 3) Fragment (aa 58-225) - A high-purity protein fragment containing both RRM domains, ideal for studying RNA-binding mechanisms and nucleic acid interactions in vitro. The full-length RNA-binding motif, single-stranded-interacting protein 3 (RBMS3) is a human protein that specifically binds to poly(A) and poly(U) oligoribonucleotides, indicating its role in single-stranded RNA interactions. Located in the cytoplasm, RBMS3 functions in RNA metabolism and regulation. The recombinant fragment (aa 58-225) encompasses both RRM domains (RRM 1: 61-134 and RRM 2: 140-225), which are essential for RNA recognition and binding, making this fragment a valuable tool for investigating domain-specific functions in RNA-protein interactions.