Recombinant RB12B protein (His tag)

Catalog Number	550950
Synonyms	RNA-binding motif protein 12B
Species	Human
Expression System	E. coli
Accession	Q8IXT5
Molecular Weight	Predictes a molecular mass of 11.59 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	151-239
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 151-239 aa (Q8IXT5) 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 RNA-binding protein 12B (RBM12B) Fragment (aa 151-239) is a high-purity protein designed for functional studies. This fragment fully encompasses the RRM 1 domain, making it an ideal tool for investigating the specific molecular interactions and activities of this critical RNA-binding motif. RNA-binding protein 12B (RBM12B), encoded by the gene RBM12B, is a human protein involved in RNA metabolism. While specific functional details and subcellular localization are not fully characterized in the provided data, RNA-binding motif (RRM) domains typically mediate interactions with RNA molecules, playing essential roles in post-transcriptional regulation. The provided fragment (amino acids 151-239) contains the complete RRM 1 domain, enabling focused research on this protein's RNA-binding capabilities and related biological processes.