Recombinant RBMS2 protein (His tag)

Catalog Number	551127
Synonyms	Suppressor of CDC2 with RNA-binding motif 3
Species	Human
Expression System	E. coli
Accession	Q15434
Molecular Weight	Predictes a molecular mass of 19.87 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 20 kDa band.

Product Information

Sequence Region	53-220
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 53-220 aa (Q15434) 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 RBMS2 Fragment (53-220) is a high-purity protein encompassing the RNA Recognition Motif (RRM) domains 1 and 2 of the RNA-binding motif, single-stranded-interacting protein 2. This fragment is an essential tool for investigating RNA-protein interactions, domain-specific functions, and the regulatory roles of RBMS2 in cellular processes. The full-length RBMS2 protein, also known as Suppressor of CDC2 with RNA-binding motif 3, is localized to the nucleus, as indicated by its subcellular location. RBMS2 functions as an RNA-binding protein involved in post-transcriptional regulation, potentially influencing gene expression, RNA stability, and splicing. The provided fragment, spanning residues 53-220, includes the complete RRM 1 (56-129) and RRM 2 (135-220) domains, enabling focused studies on RNA binding mechanisms and domain-specific contributions to RBMS2's biological activities.