Recombinant NCB2L protein (His tag)

Catalog Number	551633
Species	Human
Expression System	E. coli
Accession	A6PVI3
Molecular Weight	Predictes a molecular mass of 19.34 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 20 kDa band.

Product Information

Sequence Region	1-153
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 1-153 aa (A6PVI3) 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 high-quality recombinant protein product features a 153-amino acid fragment (residues 1-153) of the human Nuclear cap-binding protein subunit 2-like (NCBP2L). The fragment is expertly designed to fully encompass the critical RRM (RNA Recognition Motif) domain, making it an ideal, focused tool for researchers studying the specific molecular functions of this domain in RNA metabolism and processing. Nuclear cap-binding protein subunit 2-like (NCBP2L), encoded by the gene NCBP2L, is a human protein. As a component of the nuclear cap-binding complex, it is fundamentally involved in the recognition and binding of the 5' cap structure of pre-mRNA, a crucial early step in mRNA processing and export from the nucleus. The provided fragment, containing the complete RRM domain, allows for targeted investigation into the RNA-binding mechanics and specific functional contributions of this domain within the broader context of gene expression regulation.