Recombinant COR2B protein (His tag)

Catalog Number	548531
Synonyms	Coronin-like protein C; Clipin-C; Protein FC96
Species	Human
Expression System	E. coli
Accession	Q9UQ03
Molecular Weight	Predictes a molecular mass of 56.61 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 57 kDa band.

Product Information

Sequence Region	1-480
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 1-480 aa (Q9UQ03) 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 Coronin-2B Fragment (1-480) is a high-purity protein designed for studying cytoskeletal dynamics. This fragment captures a stable and soluble region of Coronin-2B, optimized for structural and biochemical research applications. Coronin-2B, also known as Coronin-like protein C or Clipin-C, plays a role in the reorganization of neuronal actin structure, contributing to cytoskeletal remodeling processes. It is localized in the cytoplasm and cytoskeleton, where it functions in actin-associated cellular mechanisms. This recombinant fragment represents a computationally selected unit to facilitate experimental analysis of its structural and functional properties.