Recombinant CORO6 protein (His tag)

Catalog Number	548989
Synonyms	Coronin-like protein E; Clipin-E
Species	Human
Expression System	E. coli
Accession	Q6QEF8
Molecular Weight	Predictes a molecular mass of 54.42 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 57 kDa band.

Product Information

Sequence Region	1-472
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 1-472 aa (Q6QEF8) 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-6 (Coronin-like protein E, Clipin-E) fragment (amino acids 1-472) is a high-quality protein preparation designed for structural and biochemical research. This 472-amino acid fragment represents a computationally selected stable and soluble unit of the protein, making it ideal for experimental applications requiring reliable protein behavior. Coronin-6 (CORO6), also known as Coronin-like protein E or Clipin-E, is a human protein belonging to the coronin family. While specific functional details and subcellular localization information for the full-length protein are not fully characterized in the provided data, coronin family proteins are generally known to play important roles in actin cytoskeleton regulation, cell motility, and intracellular trafficking processes. The CORO6 gene encodes this protein, which shares structural features with other coronin family members involved in fundamental cellular functions.