Recombinant CMA1C protein (His tag)

Catalog Number	550442
Synonyms	Ciliary microtubule associated protein 1C; Outer dense fiber protein 3-like protein 1
Species	Human
Expression System	E. coli
Accession	Q8IXM7
Molecular Weight	Predictes a molecular mass of 29.04 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 29 kDa band.

Product Information

Sequence Region	33-274
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 33-274 aa (Q8IXM7) 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 CIMAP1C Protein Fragment (aa 33-274) is a high-quality, soluble protein designed for structural and biochemical research. This 242-amino acid fragment of Ciliary Microtubule Associated Protein 1C (CIMAP1C), also known as Outer Dense Fiber Protein 3-like Protein 1, has been computationally optimized for stability and solubility, making it ideal for experimental applications requiring reliable protein performance. CIMAP1C (Ciliary Microtubule Associated Protein 1C) is encoded by the CIMAP1C gene in Homo sapiens and is identified by UniProt ID Q8IXM7. While specific functional details and subcellular localization are not fully characterized in the provided data, proteins in this family are generally associated with microtubule organization and ciliary function. The full-length protein is implicated in cellular structures related to cilia and microtubule networks, which are crucial for cell motility, signaling, and structural integrity. The selected fragment (amino acids 33-274) represents a stable, soluble region predicted to facilitate studies on protein interactions and structural properties, supporting research into microtubule-associated processes.