Recombinant CF206 protein (His tag)

Catalog Number	540703
Species	Human
Expression System	E. coli
Accession	Q8IYR0
Molecular Weight	Predictes a molecular mass of 57.17 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 59 kDa band.

Product Information

Sequence Region	1-487
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 1-487 aa (Q8IYR0) 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 CFAP206 (Cilia- and flagella-associated protein 206) fragment (amino acids 1-487) from Homo sapiens, designed for structural and functional studies. This stable, soluble protein unit supports research into ciliary and flagellar motility mechanisms. CFAP206 is essential for sperm motility and regulates the beating frequency of motile cilia in respiratory epithelial cells. It plays a critical role in establishing radial spokes in sperm flagella, contributing to proper ciliary and flagellar function. The protein localizes to the cytoplasm, specifically within the cilium axoneme and basal body, indicating its involvement in cytoskeletal organization and ciliary dynamics.