Recombinant CE128 protein (His tag)

Catalog Number	545265
Synonyms	Cep128
Species	Human
Expression System	E. coli
Accession	Q6ZU80
Molecular Weight	Predictes a molecular mass of 21.41 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 26 kDa band.

Product Information

Sequence Region	163-329
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 163-329 aa (Q6ZU80) 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 Centrosomal Protein of 128 kDa (Cep128) Fragment (aa 163-329) - A highly stable and soluble protein fragment ideal for structural biology and biochemical studies of centrosomal function. Centrosomal protein of 128 kDa (Cep128) is a human protein that localizes to the cytoplasm, specifically associated with the cytoskeleton, microtubule organizing center, centrosome, and centriole structures. Research indicates Cep128 associates with the mother centriole and is present at spindle poles during cell division, suggesting important roles in centrosome organization and mitotic spindle function. The provided fragment (amino acids 163-329) represents a computationally selected stable domain optimized for experimental applications in centrosome biology research.