Recombinant CCD18 protein (His tag)

Catalog Number	551151
Synonyms	Sarcoma antigen NY-SAR-24
Species	Human
Expression System	E. coli
Accession	Q5T9S5
Molecular Weight	Predictes a molecular mass of 32.28 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 38 kDa band.

Product Information

Sequence Region	128-389
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 128-389 aa (Q5T9S5) 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 Coiled-coil domain-containing protein 18 (CCDC18), fragment 128-389, is a stable and soluble protein unit designed for structural and biochemical studies. This fragment, derived from the Sarcoma antigen NY-SAR-24, supports research into centrosome and cytoskeleton dynamics. The full-length Coiled-coil domain-containing protein 18, also known as Sarcoma antigen NY-SAR-24, is localized in the cytoplasm, cytoskeleton, microtubule organizing center, centrosome, and centriolar satellite, as indicated by experimental evidence (ECO:0000269|PubMed:26638075). This subcellular positioning suggests a role in centrosome function and cytoskeletal organization, which are critical for cell division and structural integrity.