Recombinant WIPF3 protein (His tag)

Catalog Number	548882
Synonyms	Corticosteroids and regional expression protein 16 homolog
Species	Human
Expression System	E. coli
Accession	A6NGB9
Molecular Weight	Predictes a molecular mass of 13.10 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	1-113
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 1-113 aa (A6NGB9) 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 WIPF3 (1-113) Fragment - A high-quality recombinant protein fragment encompassing the WH2 domain of WAS/WASL-interacting protein family member 3, designed for studying cytoskeletal regulation and domain-specific functions in cellular research applications. WAS/WASL-interacting protein family member 3 (Corticosteroids and regional expression protein 16 homolog) functions as a regulator of cytoskeletal organization and may play a role in spermatogenesis. The protein localizes to the cytoplasm, where in hippocampal neurons it colocalizes with WASL in the cell body, axons, and growth cone, suggesting involvement in neuronal structure and function. The full-length protein's regulatory role in cytoskeletal dynamics makes it significant for understanding cellular architecture and movement processes.