Recombinant GORAB protein (His tag)

Catalog Number	547448
Synonyms	N-terminal kinase-like-binding protein 1; NTKL-BP1; NTKL-binding protein 1; hNTKL-BP1; SCY1-like 1-binding protein 1; SCYL1-BP1; SCYL1-binding protein 1
Species	Human
Expression System	E. coli
Accession	Q5T7V8
Molecular Weight	Predictes a molecular mass of 21.22 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 26 kDa band.

Product Information

Sequence Region	139-302
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 139-302 aa (Q5T7V8) 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 GORAB (RAB6-interacting golgin) fragment (residues 139-302) is a highly stable and soluble protein unit designed for structural and biochemical studies. This fragment, derived from human GORAB, is ideal for investigating protein interactions and molecular mechanisms in a controlled experimental setting. The full-length GORAB protein, also known as NTKL-BP1 or SCYL1-BP1, is localized to the cytoplasm and Golgi apparatus, as supported by experimental evidence. It functions as a RAB6-interacting golgin, suggesting a role in Golgi-associated processes, though specific functional details are not provided. The selected fragment (139-302) was computationally optimized for stability and solubility, enabling reliable use in research applications without domain-specific annotations.