Recombinant GOG8D protein (His tag)

Catalog Number	544872
Species	Human
Expression System	E. coli
Accession	Q0D2H9
Molecular Weight	Predictes a molecular mass of 26.96 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 31 kDa band.

Product Information

Sequence Region	1-212
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 1-212 aa (Q0D2H9) 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 Putative golgin subfamily A member 8D (GOLGA8DP) fragment (amino acids 1-212) is a high-quality protein product designed for structural and biochemical research. This 212-amino acid fragment represents a stable, soluble unit computationally optimized for experimental applications, providing researchers with a reliable tool for studying golgin protein function and organization. The full-length Putative golgin subfamily A member 8D protein, encoded by the GOLGA8DP gene, belongs to the golgin family of proteins that play crucial roles in Golgi apparatus structure and function. Golgins are characterized by their extensive coiled-coil domains and function as tethering factors that help maintain Golgi architecture and facilitate vesicle trafficking. While specific functional details and subcellular localization information for this particular protein are still being characterized, golgin family members typically localize to the Golgi apparatus where they participate in membrane tethering, vesicle transport, and maintaining Golgi structural integrity, making them essential components of the cellular secretory pathway.