Recombinant IGLO5 protein (His tag)

Catalog Number	551475
Species	Human
Expression System	E. coli
Accession	A6NGN9
Molecular Weight	Predictes a molecular mass of 34.57 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 35 kDa band.

Product Information

Sequence Region	40-336
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 40-336 aa (A6NGN9) 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 IgLON5 (IGLON5) Protein Fragment (aa 40-336). This high-purity fragment is engineered to encompass the complete Ig-like C2-type 2 and Ig-like C2-type 3 domains, providing an essential tool for targeted functional studies of this secreted protein. The full-length IgLON family member 5 (IGLON5) is a human protein annotated as a secreted molecule. As a member of the IgLON family, it is implicated in cell adhesion and neuronal development processes, often functioning at the cell surface or in the extracellular matrix. The specific functional domains contained within this recombinant fragment—the Ig-like C2-type domains—are critical for mediating protein-protein interactions, ligand binding, and signal transduction events central to the protein's biological role.