Recombinant GL8D2 protein (His tag)

Catalog Number	550234
Species	Human
Expression System	E. coli
Accession	Q9H1C3
Molecular Weight	Predictes a molecular mass of 38.90 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 39 kDa band.

Product Information

Sequence Region	25-349
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 25-349 aa (Q9H1C3) 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 Glycosyltransferase 8 domain-containing protein 2 (EC 2.4.1.-), corresponding to amino acids 25-349 of the human GLT8D2 gene, is a high-purity fragment optimized for stability and solubility. This product is ideal for structural studies, enzymatic assays, and biochemical research, offering researchers a reliable tool to investigate glycosyltransferase mechanisms. Glycosyltransferase 8 domain-containing protein 2 (GLT8D2) is a human protein classified as a single-pass type II membrane protein, localized to the membrane. While its specific enzymatic function remains to be fully characterized, it belongs to the glycosyltransferase family (EC 2.4.1.-), which typically catalyzes the transfer of sugar moieties to various acceptor molecules, playing critical roles in post-translational modifications, cell signaling, and metabolic pathways. The membrane association suggests potential involvement in extracellular or intracellular glycosylation processes relevant to cellular communication and homeostasis.