Recombinant VSIG8 protein (His tag)

Catalog Number	550866
Species	Human
Expression System	E. coli
Accession	P0DPA2
Molecular Weight	Predictes a molecular mass of 19.98 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 20 kDa band.

Product Information

Sequence Region	22-184
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 22-184 aa (P0DPA2) 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 VSIG8 Fragment (aa 22-184) - A high-purity protein fragment encompassing the complete Ig-like V-type 1 domain of V-set and immunoglobulin domain-containing protein 8, ideal for functional studies of this specific immunomodulatory domain. V-set and immunoglobulin domain-containing protein 8 (VSIG8) is a human membrane protein classified as a single-pass type I membrane protein. As a member of the immunoglobulin superfamily, VSIG8 is localized to the cell membrane and contains characteristic Ig-like domains that typically mediate protein-protein interactions in immune recognition and cell adhesion processes. The specific fragment (amino acids 22-184) provided includes the complete Ig-like V-type 1 domain (aa 22-141), enabling focused investigation of this domain's structural and functional properties in cellular recognition and signaling pathways.