Recombinant VSIG2 protein (His tag)

Catalog Number	548816
Synonyms	Cortical thymocyte-like protein; CT-like protein
Species	Human
Expression System	E. coli
Accession	Q96IQ7
Molecular Weight	Predictes a molecular mass of 24.82 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 25 kDa band.

Product Information

Sequence Region	24-243
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 24-243 aa (Q96IQ7) 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 VSIG2 Protein Fragment (24-243) - A high-purity protein fragment encompassing the complete Ig-like V-type and C2-type domains of V-set and immunoglobulin domain-containing protein 2, ideal for functional studies of these critical structural regions. V-set and immunoglobulin domain-containing protein 2 (VSIG2), also known as Cortical thymocyte-like protein, is a single-pass type I membrane protein localized to the cell membrane in human cells. The full-length protein contains immunoglobulin-like domains that are characteristic of proteins involved in cell recognition, adhesion, and immune system functions. The specific fragment (amino acids 24-243) includes both the Ig-like V-type (24-137) and Ig-like C2-type (144-233) domains, allowing researchers to study the structural and functional properties of these important protein interaction modules without the transmembrane region.