Recombinant TM267 protein (His tag)

Catalog Number	551369
Species	Human
Expression System	E. coli
Accession	Q0VDI3
Molecular Weight	Predictes a molecular mass of 9.99 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 10 kDa band.

Product Information

Sequence Region	1-76
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 1-76 aa (Q0VDI3) 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	Introducing our high-purity recombinant protein fragment of Human Transmembrane Protein 267 (TMEM267). This product comprises amino acids 1-76, a 76-residue fragment computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology, antibody development, and functional studies of this multi-pass membrane protein. Transmembrane Protein 267 (TMEM267) is a human protein localized to the cellular membrane and characterized as a multi-pass membrane protein. While its precise molecular function is still under investigation, membrane proteins like TMEM267 are critical for cellular communication, transport, and signaling processes. The provided fragment corresponds to a predicted stable extracellular or intracellular domain, offering researchers a tractable tool to probe the structure and interactions of this integral membrane component without the challenges associated with full-length membrane protein expression and purification.