Recombinant VTM2B protein (His tag)

Catalog Number	551788
Species	Human
Expression System	E. coli
Accession	A6NLU5
Molecular Weight	Predictes a molecular mass of 15.92 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	29-154
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 29-154 aa (A6NLU5) 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	This product is a high-quality recombinant protein fragment of human V-set and transmembrane domain-containing protein 2B (VSTM2B). The fragment, spanning amino acids 29-154, is specifically designed to encompass the complete Ig-like V-type domain, making it an ideal reagent for focused studies on this critical functional region. V-set and transmembrane domain-containing protein 2B (VSTM2B) is a human protein annotated as a single-pass type I membrane protein, localized to the cellular membrane. While a detailed functional summary is not fully characterized, its membrane topology and the presence of an Ig-like V-type domain suggest potential roles in cell surface recognition, adhesion, or receptor-ligand interactions. The provided fragment isolates this key extracellular domain, enabling researchers to investigate its specific biochemical properties and interactions independently of the transmembrane region.