Recombinant BTNLA protein (His tag)

Catalog Number	550043
Species	Human
Expression System	E. coli
Accession	A8MVZ5
Molecular Weight	Predictes a molecular mass of 27.28 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 27 kDa band.

Product Information

Sequence Region	27-254
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 27-254 aa (A8MVZ5) 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 BTNL10P Fragment (27-254) is a high-purity protein designed for studying the Ig-like V-type domain. This 228-amino acid fragment provides researchers with a targeted tool to investigate domain-specific functions of the putative butyrophilin-like protein 10 pseudogene. The full-length putative butyrophilin-like protein 10 pseudogene (BTNL10P) is a human protein localized to the membrane as a single-pass type I membrane protein. While its precise biological function remains uncharacterized, its structural features suggest potential roles in membrane-associated processes. This recombinant fragment enables focused investigation of the Ig-like V-type domain (residues 27-146), supporting research into domain-specific interactions and functions.