Recombinant PHLB3 protein (His tag)

Catalog Number	550918
Species	Human
Expression System	E. coli
Accession	Q6NSJ2
Molecular Weight	Predictes a molecular mass of 17.22 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	509-640
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 509-640 aa (Q6NSJ2) 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 PHLDB3 (509-640) Fragment: A high-purity protein fragment encompassing the Pleckstrin homology-like domain family B member 3's PH domain (residues 532-635), ideal for investigating domain-specific interactions and functional studies in cellular signaling pathways. PHLDB3 (Pleckstrin homology-like domain family B member 3) is a human protein encoded by the gene PHLDB3. While specific functional details and subcellular localization are not fully characterized in the provided data, proteins containing PH domains typically play roles in signal transduction, membrane targeting, and cytoskeletal organization by binding to phosphoinositides and other signaling molecules. This recombinant fragment enables focused research on the structural and functional properties of its conserved PH domain.