Recombinant BRID5 protein (His tag)

Catalog Number	545229
Species	Human
Expression System	E. coli
Accession	Q6PL45
Molecular Weight	Predictes a molecular mass of 15.05 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Product Information

Sequence Region	78-196
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 78-196 aa (Q6PL45) 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 BRICHOS domain-containing protein 5 (BRICD5) fragment (residues 78-196), encompassing the complete BRICHOS functional domain. This high-purity protein is an essential tool for investigating domain-specific mechanisms in membrane-associated processes. The full-length BRICHOS domain-containing protein 5, encoded by the BRICD5 gene in Homo sapiens, is a multi-pass membrane protein localized to cellular membranes. While detailed functional data is limited, its membrane association and BRICHOS domain suggest potential roles in protein folding, quality control, or interactions within membrane-bound compartments, making it relevant for studies in cellular homeostasis and disease pathways.