Recombinant ABTB3 protein (His tag)

Catalog Number	548642
Synonyms	BTB/POZ domain-containing protein 11
Species	Human
Expression System	E. coli
Accession	A6QL63
Molecular Weight	Predictes a molecular mass of 38.09 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 38 kDa band.

Product Information

Sequence Region	788-1104
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 788-1104 aa (A6QL63) 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 ABTB3 (Ankyrin repeat- and BTB/POZ domain-containing protein 3) fragment (residues 788-1104), specifically engineered to contain the complete BTB functional domain. This high-purity protein serves as an essential research tool for investigating the structural and functional properties of the BTB domain in cellular signaling and protein-protein interactions. The full-length Ankyrin repeat- and BTB/POZ domain-containing protein 3 (also known as BTB/POZ domain-containing protein 11) is a membrane-associated protein in human cells, localized to the membrane as a single-pass membrane protein. While detailed functional information is limited, proteins containing BTB/POZ domains typically function as transcriptional regulators and participate in protein-protein interaction networks. The membrane localization suggests potential roles in signal transduction and cellular communication processes at the membrane interface.