Recombinant BTBD2 protein (His tag)

Catalog Number	541175
Species	Human
Expression System	E. coli
Accession	Q9BX70
Molecular Weight	Predictes a molecular mass of 49.73 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 50 kDa band.

Product Information

Sequence Region	94-525
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 94-525 aa (Q9BX70) 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 BTB/POZ domain-containing protein 2 (BTBD2) fragment (aa 94-525) - a high-purity protein tool specifically engineered to contain the complete BTB functional domain (aa 117-187), enabling focused investigation of domain-specific mechanisms and interactions in cellular processes. BTB/POZ domain-containing protein 2 (BTBD2) is a human protein that localizes to the cytoplasm, specifically accumulating in punctate or elongated cytoplasmic bodies. While the complete functional profile requires further characterization, the cytoplasmic localization suggests potential roles in intracellular signaling, protein complex assembly, or regulatory processes. The BTB domain contained within this recombinant fragment is known to mediate protein-protein interactions and may function in transcriptional regulation, cytoskeletal organization, or other cellular processes typical of BTB domain-containing proteins.