Recombinant BSDC1 protein (His tag)

Catalog Number	549107
Species	Human
Expression System	E. coli
Accession	Q9NW68
Molecular Weight	Predictes a molecular mass of 13.45 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	114-215
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 114-215 aa (Q9NW68) 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 BSD domain-containing protein 1 (BSDC1) fragment (amino acids 114-215) from Homo sapiens, encompassing the functional BSD domain. This high-purity protein fragment serves as an essential tool for investigating the specific molecular functions of the BSD domain in cellular processes. BSD domain-containing protein 1 (BSDC1) is encoded by the BSDC1 gene in humans. While comprehensive functional characterization and subcellular localization data for the full-length protein are still under investigation, this recombinant fragment specifically targets the BSD domain (amino acids 146-198), enabling focused studies on domain-specific interactions and activities relevant to BSDC1's biological role.