Recombinant PRLD2 protein (His tag)

Catalog Number	552002
Species	Human
Expression System	E. coli
Accession	Q8N945
Molecular Weight	Predictes a molecular mass of 23.56 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 24 kDa band.

Product Information

Sequence Region	1-189
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 1-189 aa (Q8N945) 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	This high-quality recombinant protein product features the human PRELI domain-containing protein 2 (PRELID2), encompassing the complete amino acid sequence from residues 1 to 189. This fragment is expertly designed to include the full PRELI/MSF1 functional domain, providing researchers with a precise and reliable tool for investigating the specific biochemical and cellular activities of this conserved protein module. The full-length PRELI domain-containing protein 2, encoded by the PRELID2 gene in Homo sapiens, is a protein of significant research interest. While specific functional and subcellular localization data for the human protein is not fully characterized, proteins containing the PRELI domain are generally implicated in fundamental cellular processes. Studies on related family members suggest potential roles in mitochondrial function and lipid transport, making this domain a critical focus for understanding cellular homeostasis and metabolism. The provided fragment, containing the complete PRELI domain, allows for targeted study of this conserved functional unit's structure, interactions, and activity.