Recombinant DPH3B protein (His tag)

Catalog Number	552029
Synonyms	CSL-type zinc finger-containing protein 1
Species	Human
Expression System	E. coli
Accession	Q9H4G8
Molecular Weight	Predictes a molecular mass of 10.37 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	1-78
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 1-78 aa (Q9H4G8) 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-purity recombinant protein is a 78-amino acid fragment (residues 1-78) of the human Putative DPH3 homolog B (CSL-type zinc finger-containing protein 1), encoded by the DPH3P1 gene. The fragment is expertly designed to fully encompass the DPH-type MB functional domain, making it an ideal, targeted reagent for investigating the specific biochemical and molecular functions of this conserved domain in vitro. The full-length protein, Putative DPH3 homolog B (UniProt ID: Q9H4G8), is a human protein whose precise molecular function and subcellular localization are areas of active research. As a putative homolog of DPH3, it is implicated in fundamental cellular processes, potentially related to diphthamide biosynthesis or other conserved pathways involving DPH-type MB domains. This recombinant fragment provides researchers with a focused tool to elucidate the structure, interactions, and activity of this critical domain, advancing our understanding of its role in cellular biology.