Recombinant PHF24 protein (His tag)

Catalog Number	546260
Species	Human
Expression System	E. coli
Accession	Q9UPV7
Molecular Weight	Predictes a molecular mass of 30.93 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 35 kDa band.

Product Information

Sequence Region	73-325
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 73-325 aa (Q9UPV7) 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 PHD finger protein 24 (PHF24) fragment (residues 73-325) is a high-purity, soluble protein designed for structural and biochemical studies. This 253-amino acid fragment was computationally optimized for stability and solubility, making it an ideal tool for investigating protein interactions and functional mechanisms. PHD finger protein 24 (PHF24) is encoded by the PHF24 gene in Homo sapiens. While specific functional details and subcellular localization data are not fully characterized in the provided information, proteins containing PHD finger domains are typically involved in chromatin remodeling, transcriptional regulation, and epigenetic modifications. This recombinant fragment represents a stable, soluble unit of PHF24, enabling researchers to explore its potential roles in cellular processes and molecular pathways.