Recombinant ARMD1 protein (His tag)

Catalog Number	551545
Synonyms	p40
Species	Human
Expression System	E. coli
Accession	Q6PIY5
Molecular Weight	Predictes a molecular mass of 46.65 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 47 kDa band.

Product Information

Sequence Region	1-406
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 1-406 aa (Q6PIY5) 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 product is a high-quality recombinant protein fragment of human Armadillo-like helical domain containing protein 1 (p40), encoded by the ARMH1 gene. The fragment comprises residues 1-406 (406 amino acids), representing a stable and soluble unit computationally selected for optimal performance in structural and biochemical studies. The full-length Armadillo-like helical domain containing protein 1 (p40) is a human protein identified by the UniProt accession Q6PIY5. Specific functional data and subcellular localization information for the native protein are not currently available in the provided dataset. The recombinant fragment offered here (residues 1-406) was designed based on structural predictions to provide a well-bexpressed and stable construct, enabling researchers to initiate functional characterization, interaction studies, and structural analysis of this protein.