Recombinant PHYIP protein (His tag)

Catalog Number	549318
Synonyms	Phytanoyl-CoA hydroxylase-associated protein 1; PAHX-AP1; PAHXAP1
Species	Human
Expression System	E. coli
Accession	Q92561
Molecular Weight	Predictes a molecular mass of 39.23 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 39 kDa band.

Product Information

Sequence Region	1-330
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 1-330 aa (Q92561) 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 Phytanoyl-CoA Hydroxylase-Interacting Protein (PHYHIP/PAHXAP1) Fragment (aa 1-330) - A high-purity protein fragment encompassing the complete Fibronectin type-III domain, ideal for investigating central nervous system development mechanisms and protein interaction studies. The full-length Phytanoyl-CoA Hydroxylase-Interacting Protein (PHYHIP/PAHXAP1) interacts with PHYH (phytanoyl-CoA hydroxylase), suggesting a significant role in the development of the central nervous system. This interaction indicates its potential involvement in neurological processes and developmental pathways. The recombinant fragment provided contains the complete Fibronectin type-III domain (aa 6-115) within the broader 1-330 amino acid region, offering researchers a targeted tool for studying domain-specific functions and protein-protein interactions relevant to neural development.