Recombinant FHI2A protein (His tag)

Catalog Number	550911
Synonyms	FHIP2A
Species	Human
Expression System	E. coli
Accession	Q5W0V3
Molecular Weight	Predictes a molecular mass of 29.42 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 30 kDa band.

Product Information

Sequence Region	260-503
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 260-503 aa (Q5W0V3) 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 FHF complex subunit HOOK interacting protein 2A (FHIP2A) fragment (aa 260-503) is a high-quality protein preparation designed for neuroscience and cellular function research. This 244-amino acid fragment represents a stable, soluble domain computationally optimized for structural and biochemical studies, providing researchers with a reliable tool to investigate the molecular mechanisms of nervous system function. FHIP2A (FHF complex subunit HOOK interacting protein 2A) is essential for proper nervous system function, as demonstrated by research evidence. The protein plays a critical role in neuronal processes and cellular mechanisms that maintain nervous system integrity and function. While specific subcellular localization data is not available in the provided information, the protein's requirement for nervous system function suggests involvement in key neuronal pathways and cellular processes. The full-length protein's significance lies in its contribution to maintaining proper neurological function, making it an important target for neuroscience research and potential therapeutic development.