Recombinant FNBP4 protein (His tag)

Catalog Number	548771
Synonyms	Formin-binding protein 30
Species	Human
Expression System	E. coli
Accession	Q8N3X1
Molecular Weight	Predictes a molecular mass of 14.61 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Product Information

Sequence Region	905-1017
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 905-1017 aa (Q8N3X1) 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 Formin-binding protein 4 (FNBP4) fragment (residues 905-1017) is a high-quality, soluble protein designed for structural and biochemical studies. This 113-amino acid fragment was computationally optimized for stability and solubility, making it an ideal tool for investigating protein interactions and molecular mechanisms. Formin-binding protein 4 (FNBP4), also known as Formin-binding protein 30, is encoded by the FNBP4 gene in Homo sapiens. While specific functional details and subcellular localization are not fully characterized in this context, FNBP4 is recognized for its role in cellular processes through formin protein interactions, which are critical for cytoskeletal dynamics and signaling pathways. This recombinant fragment provides a focused approach to explore its structural properties and functional contributions.