Recombinant FIBIN protein (His tag)

Catalog Number	549306
Species	Human
Expression System	E. coli
Accession	Q8TAL6
Molecular Weight	Predictes a molecular mass of 23.76 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 27 kDa band.

Product Information

Sequence Region	19-211
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 19-211 aa (Q8TAL6) 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 Fin bud initiation factor homolog (FIBIN) fragment (aa 19-211) is a high-purity, soluble protein designed for structural and functional studies. This 193-amino acid fragment was computationally optimized for stability and solubility, making it ideal for biochemical assays, structural biology, and research into developmental signaling pathways. The full-length Fin bud initiation factor homolog (FIBIN) is a human protein involved in developmental processes, as suggested by its homology to fin bud initiation factors. It localizes to the secretory pathway, including the endoplasmic reticulum and Golgi apparatus, and is ultimately secreted, indicating a role in extracellular signaling or regulation. The provided fragment (aa 19-211) encompasses a predicted functional domain, facilitating investigations into FIBIN's molecular mechanisms without the complexities of the full-length protein.