Recombinant TARSH protein (His tag)

Catalog Number	540616
Synonyms	Tarsh; ABI gene family member 3-binding protein; Nesh-binding protein; NeshBP
Species	Human
Expression System	E. coli
Accession	Q7Z7G0
Molecular Weight	Predictes a molecular mass of 34.75 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 35 kDa band.

Product Information

Sequence Region	775-1068
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 775-1068 aa (Q7Z7G0) 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 ABI3BP (Tarsh) Fibronectin Type-III 2 Domain Fragment (aa 775-1068) is a high-purity protein designed for investigating the structural and functional roles of the Fibronectin type-III 2 domain. This 294-amino acid fragment offers a precise tool to study domain-specific interactions and mechanisms in extracellular processes. The full-length ABI3BP protein, also known as Target of Nesh-SH3 (Tarsh), is a secreted protein in Homo sapiens, as indicated by its subcellular localization. While a detailed functional summary is not provided, its secretion suggests involvement in extracellular signaling, matrix organization, or intercellular communication. The Fibronectin type-III domains, such as the one encompassed in this fragment (residues 833-926), are typically associated with cell adhesion, receptor binding, and tissue development, highlighting the protein's potential relevance in cellular regulation and disease research.