Recombinant YPEL2 protein (His tag)

Catalog Number	550487
Species	Human
Expression System	E. coli
Accession	Q96QA6
Molecular Weight	Predictes a molecular mass of 15.23 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Product Information

Sequence Region	1-119
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 1-119 aa (Q96QA6) 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 Protein yippee-like 2 (YPEL2) fragment (residues 1-119) is a high-purity protein designed to encompass the complete Yippee domain. This product serves as an essential tool for investigating domain-specific functions, including nuclear and nucleolar localization, enabling targeted research in cellular processes. Protein yippee-like 2, encoded by the YPEL2 gene in Homo sapiens, is localized to the nucleus and nucleolus, as supported by experimental evidence (UniProt ID: Q96QA6). While a detailed functional summary is not provided, its subcellular positioning suggests potential roles in nuclear organization, ribosome biogenesis, or gene regulation. The recombinant fragment spanning residues 1-119 includes the full Yippee domain, allowing focused studies on this conserved region's contributions to the protein's biological significance in human cells.