Recombinant WDR87 protein (His tag)

Catalog Number	550413
Synonyms	Testis development protein NYD-SP11
Species	Human
Expression System	E. coli
Accession	Q6ZQQ6
Molecular Weight	Predictes a molecular mass of 20.64 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 21 kDa band.

Product Information

Sequence Region	874-1040
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 874-1040 aa (Q6ZQQ6) 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 WD repeat-containing protein 87 (WDR87) fragment (residues 874-1040) is a high-purity, stable protein designed for structural and biochemical studies. This 167-amino acid fragment was computationally optimized for solubility and stability, making it ideal for investigating protein interactions and molecular mechanisms. WD repeat-containing protein 87, encoded by the WDR87 gene, is also known as Testis development protein NYD-SP11, suggesting a potential role in reproductive biology. While specific functional details and subcellular localization for the full-length protein are not fully characterized, this recombinant fragment provides a valuable tool for exploring WDR87's structural properties and contributes to understanding its biological significance in cellular processes.