Recombinant WDR97 protein (His tag)

Catalog Number	550573
Species	Human
Expression System	E. coli
Accession	A6NE52
Molecular Weight	Predictes a molecular mass of 22.67 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1175-1357
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 1175-1357 aa (A6NE52) 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 97 (WDR97) fragment (residues 1175-1357) is a high-quality protein preparation designed for structural biology and biochemical studies. This 183-amino acid fragment was computationally selected to ensure optimal stability and solubility, making it an ideal reagent for investigating WDR97 function and interactions. WD repeat-containing protein 97 (WDR97) is a human protein encoded by the WDR97 gene (UniProt ID: A6NE52). WD repeat proteins typically function as scaffold molecules that facilitate the assembly of protein complexes and mediate protein-protein interactions. While specific functional details and subcellular localization information for the full-length protein are not provided in the available data, proteins containing WD repeats are generally involved in diverse cellular processes including signal transduction, cell cycle regulation, and apoptosis. The selected fragment represents a stable, soluble region that can serve as a valuable tool for elucidating the structural and functional properties of this protein.