Recombinant PWP3B protein (His tag)

Catalog Number	550369
Synonyms	PWWP3B; Mutated melanoma-associated antigen 1-like protein 1; MUM1-like protein 1; PWWP domain-containing protein MUM1L1
Species	Human
Expression System	E. coli
Accession	Q5H9M0
Molecular Weight	Predictes a molecular mass of 15.56 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	389-505
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 389-505 aa (Q5H9M0) 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 PWWP3B Fragment (389-505) - A highly purified protein fragment specifically designed to encompass the complete PWWP domain (392-453) of PWWP domain-containing DNA repair factor 3B. This fragment serves as an essential research tool for investigating the structural and functional properties of the PWWP domain in DNA repair mechanisms and related cellular processes. PWWP domain-containing DNA repair factor 3B (PWWP3B), also known as Mutated melanoma-associated antigen 1-like protein 1 or MUM1-like protein 1, is a human protein involved in DNA repair processes. The PWWP domain is a conserved protein module known to interact with chromatin and play roles in DNA damage response, chromatin remodeling, and transcriptional regulation. While specific functional details and subcellular localization information for the full-length protein are not fully characterized in the provided data, proteins containing PWWP domains typically function in nuclear processes related to genome maintenance and epigenetic regulation.