# Recombinant C97D2 protein (His tag)

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| **Catalog Number** | 552063 |
| **Synonyms** | CFAP97 domain-containing protein 2 |
| **Species** | Human |
| **Expression System** | E. coli |
| **Accession** | A0A1B0GU71 |
| **Molecular Weight** | Predictes a molecular mass of 13.33 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band. |

## Product Information

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| **Sequence Region** | 1-98 |
| **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 1-98 aa (A0A1B0GU71) were fused with 6His tag. |

## Storage & Handling

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| **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.<br>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |

## Description

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| **Description** | This product is a high-purity recombinant protein fragment of the human Uncharacterized Protein CFAP97D2 (CFAP97 Domain-Containing Protein 2), corresponding to amino acids 1-98. The fragment has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies, antibody development, and functional characterization of this novel protein.<br>The full-length protein, encoded by the gene CFAP97D2, is currently classified as uncharacterized. Its specific biological function and subcellular localization have not yet been experimentally determined. Research into CFAP97D2 is part of ongoing efforts to elucidate the roles of novel proteins and expand the functional annotation of the human proteome. This recombinant fragment provides a critical tool for initiating biochemical and structural studies to uncover its potential cellular role. |