# Recombinant CH076 protein (His tag)

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| **Catalog Number** | 551749 |
| **Species** | Human |
| **Expression System** | E. coli |
| **Accession** | Q96K31 |
| **Molecular Weight** | Predictes a molecular mass of 22.85 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 24 kDa band. |

## Product Information

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| **Sequence Region** | 1-187 |
| **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 1-187 aa (Q96K31) 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 high-quality recombinant protein product features a stable and soluble fragment (residues 1-187) of the human Uncharacterized Protein C8orf76. The fragment was computationally designed for optimal expression and purification, making it an ideal reagent for structural biology studies, antibody development, and functional characterization of this novel protein.<br>The full-length Uncharacterized Protein C8orf76, encoded by the C8orf76 gene, is a human protein with currently unknown molecular function and subcellular localization. As an uncharacterized protein, it represents a potential novel target for biological research. Investigating proteins like C8orf76 is crucial for expanding our understanding of the human proteome and may reveal new cellular pathways, disease mechanisms, or therapeutic targets. This recombinant fragment provides researchers with a reliable tool to initiate functional studies on this protein of unknown significance. |