Recombinant CO040 protein (His tag)

Catalog Number	551234
Species	Human
Expression System	E. coli
Accession	Q8WUR7
Molecular Weight	Predictes a molecular mass of 12.26 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	54-153
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 54-153 aa (Q8WUR7) 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	This product is a high-purity recombinant fragment of the human UPF0235 protein C15orf40 (C15orf40), encompassing amino acids 54-153. The 100-amino acid fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies and in vitro biochemical characterization. The full-length UPF0235 protein C15orf40, encoded by the gene C15orf40, is a human protein of unknown specific molecular function and subcellular localization. As a member of the uncharacterized protein family UPF0235, it represents a target for fundamental research aimed at elucidating novel biological pathways and protein functions. This recombinant fragment provides a focused tool to investigate the properties and potential interactions of this protein, facilitating research into its role in cellular processes.