Recombinant CE034 protein (His tag)

Catalog Number	552047
Species	Human
Expression System	E. coli
Accession	Q96MH7
Molecular Weight	Predictes a molecular mass of 41.72 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 42 kDa band.

Product Information

Sequence Region	232-579
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 232-579 aa (Q96MH7) 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 high-quality recombinant protein product features a stable, soluble fragment (residues 232-579) of the human Uncharacterized protein C5orf34. The 348-amino acid 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. The full-length Uncharacterized protein C5orf34 (UniProt ID: Q96MH7) is encoded by the C5orf34 gene in Homo sapiens. As an uncharacterized protein, its specific biological function and subcellular localization have not yet been experimentally determined. Research into C5orf34 contributes to the broader effort to functionally annotate the human proteome and understand the roles of previously unstudied gene products in cellular processes and potential disease pathways.