Recombinant CT096 protein (His tag)

Catalog Number	551446
Species	Human
Expression System	E. coli
Accession	Q9NUD7
Molecular Weight	Predictes a molecular mass of 29.13 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 33 kDa band.

Product Information

Sequence Region	94-323
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 94-323 aa (Q9NUD7) 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-purity recombinant protein product features a stable, soluble fragment (amino acids 94-323) of the human Uncharacterized Protein C20orf96 (gene C20orf96). The fragment was computationally designed for optimal expression and stability, making it an ideal reagent for structural biology studies, antibody development, and functional characterization of this novel protein. The full-length Uncharacterized Protein C20orf96 (UniProt ID: Q9NUD7) is a human protein of unknown function. As its name indicates, specific functional data and subcellular localization information are not yet established in the scientific literature. Research into C20orf96 contributes to the broader effort to characterize the vast repertoire of human proteins with currently unknown roles, which is essential for advancing our understanding of cellular biology and identifying potential new therapeutic targets.