Recombinant CJ053 protein (His tag)

Catalog Number	552000
Species	Human
Expression System	E. coli
Accession	Q8N6V4
Molecular Weight	Predictes a molecular mass of 12.05 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	1-93
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 1-93 aa (Q8N6V4) 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-quality recombinant protein fragment of human UPF0728 protein C10orf53 (C10orf53), encompassing residues 1-93. The fragment was computationally designed to be a stable and soluble unit, making it an ideal reagent for structural biology studies, biochemical characterization, and functional assays. The full-length UPF0728 protein C10orf53, encoded by the gene C10orf53, is a human protein of currently uncharacterized function. Its specific biological role and subcellular localization remain areas of active investigation. This recombinant fragment provides a critical tool for researchers aiming to elucidate the structure and function of this protein, thereby contributing to a deeper understanding of its potential significance in cellular processes.