Recombinant YI012 protein (His tag)

Catalog Number	552102
Species	Human
Expression System	E. coli
Accession	Q9H379
Molecular Weight	Predictes a molecular mass of 11.98 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	1-93
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 (Q9H379) 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 the Putative Uncharacterized Protein PRO3102 (UniProt ID: Q9H379) from Homo sapiens. The fragment comprises amino acids 1-93, representing a stable and soluble unit specifically engineered for structural biology and biochemical characterization studies. The full-length Putative Uncharacterized Protein PRO3102 is a human protein of significant research interest. As a putative uncharacterized protein, its specific molecular function and subcellular localization are currently under investigation. Research into proteins like PRO3102 is crucial for expanding our understanding of the human proteome, potentially revealing novel biological pathways, cellular mechanisms, or disease associations. This recombinant fragment provides a valuable tool for researchers aiming to elucidate the structure, function, and biochemical properties of this protein.