Recombinant YM006 protein (His tag)

Catalog Number	552093
Species	Human
Expression System	E. coli
Accession	Q9H521
Molecular Weight	Predictes a molecular mass of 10.98 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	1-79
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 1-79 aa (Q9H521) 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 human Putative uncharacterized protein LOC645739 (UniProt Q9H521). The fragment, encompassing residues 1-79, has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology and functional characterization studies. The full-length Putative uncharacterized protein LOC645739 is a human protein of unknown function. Its specific biological role and subcellular localization are not yet characterized. This recombinant fragment provides a valuable tool for researchers aiming to elucidate the structure, biochemical properties, and potential interactions of this protein, thereby contributing to the functional annotation of the human proteome.