Recombinant UBN2 protein (His tag)

Catalog Number	550153
Species	Human
Expression System	E. coli
Accession	Q6ZU65
Molecular Weight	Predictes a molecular mass of 28.06 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 31 kDa band.

Product Information

Sequence Region	448-673
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 448-673 aa (Q6ZU65) 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	Recombinant Human Ubinuclein-2 Fragment (448-673) is a high-quality protein product designed for structural and biochemical studies. This 226-amino acid fragment was computationally optimized for stability and solubility, offering researchers a reliable tool to investigate the functional properties of Ubinuclein-2 in vitro. Ubinuclein-2, encoded by the UBN2 gene in Homo sapiens, is a protein whose full functional and subcellular characteristics are still under investigation. As research progresses, this recombinant fragment provides a foundational resource for elucidating the protein's biological roles and mechanisms, supporting advancements in cellular and molecular biology.