Recombinant LIN37 protein (His tag)

Catalog Number	545684
Synonyms	Antolefinin
Species	Human
Expression System	E. coli
Accession	Q96GY3
Molecular Weight	Predictes a molecular mass of 12.23 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	158-246
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 158-246 aa (Q96GY3) 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 Protein lin-37 homolog (Antolefinin) fragment (residues 158-246) is a high-purity, stable protein designed for structural and biochemical studies. This 89-amino acid fragment was computationally optimized for solubility and stability, making it ideal for research applications requiring reliable protein performance. Protein lin-37 homolog (Antolefinin), encoded by the LIN37 gene in Homo sapiens, is involved in critical cellular processes, though specific functional details and subcellular localization are still under investigation. The full-length protein's role is associated with regulatory mechanisms in cell cycle and development, highlighting its importance in fundamental biological research. This recombinant fragment provides a focused tool for exploring the protein's structural characteristics and functional domains.