Recombinant LIN52 protein (His tag)

Catalog Number	550618
Species	Human
Expression System	E. coli
Accession	Q52LA3
Molecular Weight	Predictes a molecular mass of 14.65 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	1-116
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 1-116 aa (Q52LA3) 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-52 homolog (LIN52) fragment (residues 1-116) is a high-purity, stable protein designed for structural and biochemical studies. This soluble fragment was computationally optimized to facilitate research on protein interactions and functional mechanisms. Protein lin-52 homolog, encoded by the LIN52 gene in Homo sapiens, is a component of the DREAM complex, which plays a critical role in cell cycle regulation, gene expression, and cellular differentiation. While specific functional and subcellular localization details are not fully characterized, LIN52 is implicated in transcriptional repression and cell fate determination, making it a valuable target for cancer and developmental biology research.