Recombinant RTL6 protein (His tag)

Catalog Number	550392
Synonyms	Leucine zipper protein down-regulated in cancer cells-like; Mammalian retrotransposon-derived protein 6; Protein LDOC1L
Species	Human
Expression System	E. coli
Accession	Q6ICC9
Molecular Weight	Predictes a molecular mass of 27.81 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 28 kDa band.

Product Information

Sequence Region	1-239
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 1-239 aa (Q6ICC9) 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 recombinant fragment of the human Retrotransposon Gag-like protein 6 (RTL6), encompassing amino acids 1-239. This fragment was computationally selected to represent a stable and soluble unit of the protein, making it an ideal tool for structural studies, biochemical assays, and functional investigations into this mammalian retrotransposon-derived protein. The full-length Retrotransposon Gag-like protein 6, also known as Leucine zipper protein down-regulated in cancer cells-like (LDOC1L), is a mammalian retrotransposon-derived protein encoded by the RTL6 gene. While specific functional details and subcellular localization for the full-length protein are not fully characterized in the provided data, proteins in this family are often implicated in regulatory processes, and the LDOC1L nomenclature suggests a potential role in cellular pathways relevant to oncogenesis.