Recombinant LZIC protein (His tag)

Catalog Number	551240
Synonyms	Leucine zipper and CTNNBIP1 domain-containing protein; Leucine zipper and ICAT homologous domain-containing protein
Species	Human
Expression System	E. coli
Accession	Q8WZA0
Molecular Weight	Predictes a molecular mass of 19.59 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1-156
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 1-156 aa (Q8WZA0) 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	Introducing our high-purity recombinant human LZIC protein fragment (residues 1-156). This fragment, derived from the Leucine zipper and CTNNBIP1 domain-containing protein, has been expertly selected for its stability and solubility, making it an ideal reagent for structural biology and biochemical interaction studies. The full-length LZIC protein (UniProt ID: Q8WZA0) is encoded by the LZIC gene in Homo sapiens. It contains characteristic leucine zipper and ICAT-homologous domains, suggesting a potential role in protein-protein interactions and cellular signaling pathways. While specific functional and subcellular localization data are not fully characterized, proteins with these domains are often involved in critical regulatory processes. This recombinant fragment provides a valuable tool for researchers to elucidate the structure and molecular function of this protein, advancing our understanding of its biological significance.