# Recombinant LEU7 protein (His tag)

| | |
|---|---|
| **Catalog Number** | 551547 |
| **Synonyms** | Deleted in lymphocytic leukemia 7 |
| **Species** | Human |
| **Expression System** | E. coli |
| **Accession** | Q6UYE1 |
| **Molecular Weight** | Predictes a molecular mass of 14.02 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band. |

## Product Information

| | |
|---|---|
| **Sequence Region** | 111-221 |
| **Form** | Lyophilized powder |
| **Formulation** | Lyophilized from sterile PBS, pH 7.4 |
| **Purity** | >85%, 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 111-221 aa (Q6UYE1) 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.<br>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 high-quality recombinant protein fragment of human Leukemia-associated protein 7 (Deleted in lymphocytic leukemia 7, DLEU7). The fragment, spanning residues 111-221, was computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies and biochemical characterization.<br>The full-length protein, encoded by the DLEU7 gene, is associated with lymphocytic leukemia, as suggested by its name. Specific functional data and subcellular localization for the native protein are not provided in the available details. The provided recombinant fragment represents a stable, soluble unit selected to facilitate research into the protein's properties and potential role in cellular processes. |