

# Recombinant Human S100A10 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08146

**Protein Name:** Protein S100-A10 (S100A10)

**Aliases:** 42C; P11; p10; GP11; ANX2L; CAL1L; CLP11; Ca[1]; ANX2LG; protein S100-A10; calpactin I light chain; calpactin-1 light chain; cellular ligand of annexin II; S100 calcium binding protein A10; annexin II...

**UniProt ID:** P60903

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P60903/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Full Length (1-97aa)

**Molecular Weight:** 18.2 kDa

**Protein Tag:** N-terminal 10xHis-tagged and C-terminal Myc-tagged

## 2. Amino Acid Sequence (1-97aa)

MPSQMEHAMETMMFTFHKFKAGDKGYLTKEDLRVLMEKEFPGFLENQKDPLAVDKI  
MKDLQCRDQKVGQSFSLIAGLTIACNDYFVVHMKQKGGK

## 3. Storage Buffer

**Liquid Delivery Form:** Tris-based buffer with 50% glycerol.

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.



## 5. Product Description

This product is a recombinant Human S100A10 full length protein (1-97aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. S100A10, also known as 42C or P11 or p10, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.