



# Recombinant Human S100A6 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08149

**Protein Name:** Protein S100-A6 (S100A6)

**Aliases:** 2A9; PRA; 5B10; CABP; CACY; MLN S10A6; calcyclin; protein S100-A6; S100 calcium binding protein A6; growth factor-inducible protein 2A9; prolactin receptor-associated protein

**UniProt ID:** P06703

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P06703/entry>

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

**Expression System:** E.coli

**Protein Length:** Full Length (1-90aa)

**Molecular Weight:** 26.2kDa

**Protein Tag:** N-terminal 6xHis-SUMO-tagged

## 2. Amino Acid Sequence (1-90aa)

MACPLDQAIGLLVAIFHKYSGREGDKHTLSKKELKELIQKELTIGSKLQDAEIARLME  
DLDRNKDQEVNFQEYVTFLGALALIYNEALKG

## 3. Storage Buffer

**Liquid Delivery Form:** Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

**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 S100A6 full length protein (1-90aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. S100A6, also known as 2A9 or PRA or 5B10, 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.