

# Recombinant Human SUCLA2 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08374

**Protein Name:** Renal Carcinoma Antigen Ny-Ren-39 (SUCLA2)

**Aliases:** A-SCS; A-BETA; MTDPS5; LINC00444; SCS-betaA; renal carcinoma antigen NY-REN-39; succinate-CoA ligase beta subunit; succinyl-CoA synthetase beta-A chain; long intergenic non-protein coding RNA 444; mal...

**UniProt ID:** Q9P2R7

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9P2R7/entry>

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

**Expression System:** E.coli

**Protein Length:** Full Length of Mature Protein (53-463aa)

**Molecular Weight:** 52.0 kDa

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

## 2. Amino Acid Sequence (53-463aa)

LSLHEYMSMELLQEAGVSVPKGYYVAKSPDEAYAI AKKLGSKDVVIKAQVLAGGRGK  
GTFESGLKGGVKIVFSPEEAKAVSSQMIGKKLFTKQTGEKGRICNQVLVCERKYPR  
REYYFAITMERSFQGPVLIGSSHGGVNIEDVAAESPEAIIKEPIDIEEGIKKEQALQLA  
QKMGFPPNIVESAAENMVKLYSLFLKYDATMIEINPMVEDSDGAVLCMDAKINFDSN  
SAYRQKKIFDLQDWTQEDERDKDAAKANLNYIGLDGNIGCLVNGAGLAMATMDIIKL  
HGGTPANFLDVGGGATVHQVTEAFKLITSDKKVLAILVNIFGGIMRCDVIAQGIVMAV  
KDLEIKIPVVVRLQGTRVDDAKALIADSGLKILACDDLDEAARMVVKLSEIVTLAKQAH  
VDVKFQLPI

## 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 SUCLA2 full length of mature protein protein (53-463aa) 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. SUCLA2, also known as A-SCS or A-BETA or MTDPS5, 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.