

# Recombinant human SSSCA1/ZNRD2 protein

Catalog Number: ATGP2396

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-199aa

### UniProt No.

O60232

### NCBI Accession No.

NP\_006387

### Alternative Names

Sjogren syndrome/scleroderma autoantigen 1, Zinc ribbon domain containing 2

## PRODUCT SPECIFICATION

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### Molecular Weight

23.9 kDa (222aa)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

SSSCA1 is recognized by a subset of anti-centromere antibodies from patients with scleroderma and/or Sjogren's syndrome. Subcellular localization has not yet been established. Recombinant human SSSCA1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MALNGAE VDDFSWEPPT EAETKVLQAR RERQDRISRL MGDYLLRGYR  
MLGETCADCG TILLQDKQRK IYCVACQELD SDVDKDNPAL NAQAALSQAR EHQLASASEL PLGSRPAPQP PVP RPEHCEG

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AAAGLKAAQG PPAPAVPPNT DVMACTQTAL LQKLTWASAE LGSSTSLETS IQLCGLIRAC AEALRSLQQL QH

## General References

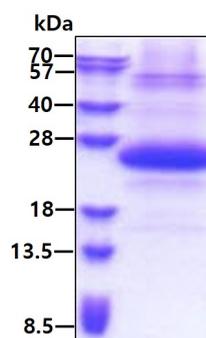
Ananthanarayanan,V., et al. (2011) Hum. Pathol. 42 (6), 873-881

Lango Allen,H., et al. (2010) Nature 467 (7317), 832-838

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain