

# Recombinant human SCAND1 protein

Catalog Number: ATGP0759

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-179aa

### UniProt No.

H0UIA5

### NCBI Accession No.

NP\_361012

### Alternative Names

SCAN domain-containing protein 1, RAZ1, SDP1, Leap1, Pgc2, Ppargc2

## PRODUCT SPECIFICATION

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### Molecular Weight

21.2 kDa (199aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### 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

SCAN domain-containing protein 1, also known SCAND1, belongs to a family of genes that encode an isolated SCAN domain. SCAND1 contains one SCAN box domain and, unlike the majority of other SCAN domain containing proteins, it does not contain a zinc finger motif. SCAND1 is a nuclear protein that may play a role in the mechanism of transcription regulation. It is widely expressed with highest levels of expression found in kidney, thyroid, liver, prostate and testis. Recombinant human SCAND1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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### Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MAATEPILAA TGSPAAPVPE KLEGAGSSSA PERNCVGSSL PEASPPAPEP SSPNAAVPEA  
IPTPRAAASA ALELPLGPAP VSVAPQAEAE ARSTPGPAGS RLGPFTRQR FRQFRYQDAA GPREFRQLR ELSRQWLRPD  
IRTKEQIVEM LVQEQLLAIL PEARARRIR RRTDVRITG

### General References

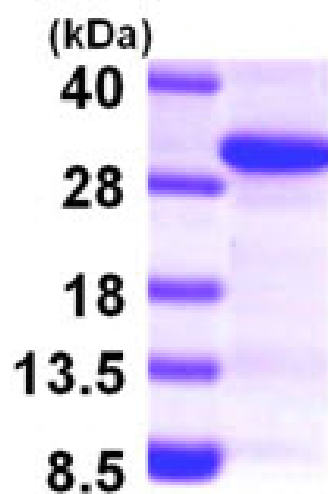
Schumacher C., et al. (2000) J Biol Chem. 275:17173-17179.

Sander T., et al. (2000) J Biol Chem. 275:12857-12767.

## DATA

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### SDS-PAGE



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

15% SDS-PAGE (3ug)