

# Recombinant human SRA1 protein

Catalog Number: ATGP1796

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

90-236aa

### UniProt No.

Q9HD15

### NCBI Accession No.

NP\_001030312.2

### Alternative Names

Steroid receptor RNA activator 1, pp7684, SRA, SRAP, STRAA1

## PRODUCT SPECIFICATION

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### Molecular Weight

18.7 kDa (170aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

### Purity

> 85% 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

Steroid receptor RNA activator 1, also known as SRA1, exists as both a RNA transcript and as stably expressed proteins. Also this protein mediates transcriptional coactivation of steroid receptors ligand-dependently through the steroid-binding domain (AF-2). SRA1 enhances cellular proliferation and differentiation and promotes apoptosis in vivo. It may play a role in tumorigenesis. Recombinant human SRA1 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 MGS>VGSGPAS GVEPTSPFVE SEAVMEDVLR PLEQALEDGR GHTRKQVCDD  
ISRRLLALLQE QWAGGKLSIP VKKRMALLVQ ELSSHRWDAA DDIHRSLMVD HVTEVSQWMV GVKRLIAEKR SLFSEEAANE  
EKSAATAEKN HTIPGFQQAS

## General References

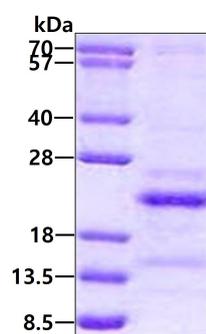
Lanz R B., et al. (1999) Cell. 97:17-27

Watanabe M., et al. (2001) EMBO J. 20: 1341-1352.

## DATA

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### SDS-PAGE



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