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# Recombinant human SRA1 protein

Catalog Number: ATGP1796

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

90-236aa

#### UniProt No.

O9HD15

#### **NCBI Accession No.**

NP 001030312

#### **Alternative Names**

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

## PRODUCT SPECIFICATION

### **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**

#### **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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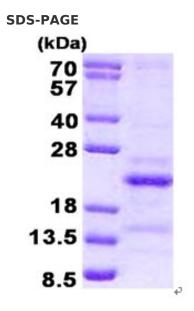
# **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSVGSGPAS GVEPTSFPVE SEAVMEDVLR PLEQALEDCR GHTRKQVCDD ISRRLALLQE 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**



15% SDS-PAGE (3ug)

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

