

Recombinant human SRA1 protein

Catalog Number: ATGP1796

PRODUCT INFORMATION

Expression system

E.coli

Domain

90-236aa

UniProt No.

Q9HD15

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

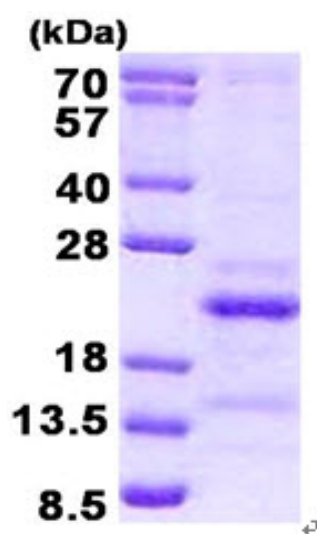
MGSSHHHHHH SSGLVPRGSH MGSVGS GPAS GVEPTSPFVE SEAVMEDVLR PLEQALED CR GHTRKQVCDD ISRRLALLQE
QWAGGKLSIP VKKRMALLVQ ELSSHRWDAA DDIHRSLMVD HVTEVSQWMV GVKRLIAEKR SLFSEEAA NE EKSAATAEKN
HTIPGFQQAS

General References

Lanz R B., et al. (1999) Cell. 97:17-27
Watanabe M., et al. (2001) EMBO J. 20: 1341-1352.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)