

Recombinant Human steroid receptor RNA activator 1, His-tagged

Cat. No. SRA1-357H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SRA1, 90-236aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	90-236 a.a.
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	18.7 kDa (170aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSVGSGPAS GVEPTSFPVE SEAVMEDVLR PLEQALEDGR GHTRKQVCDD ISRRLLALLQE QWAGGKLSIP VKKRMALLVQ ELSSHRWDAA DDIHRSLMVD HVTEVSQWMV GVKRLIAEKR SLFSEEAAANE

 Tel: 1-631-559-9269 1-516-512-3133

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	EKSAATAEKN HTIPGFQQAS
Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	Lanz R B., et al. (1999) Cell. 97:17-27Watanabe M., et al. (2001) EMBO J. 20: 1341-1352.

GENE INFORMATION

Gene Name	SRA1 steroid receptor RNA activator 1 [Homo sapiens]
Official Symbol	SRA1
Synonyms	SRA1; steroid receptor RNA activator 1; steroid receptor RNA activator 1; SRA; STRAA1; steroid receptor coactivator; steroid receptor RNA activator protein; steroid receptor RNA activator 1 (complexes with NCOA1); SRAP; pp7684; MGC87674;
Gene ID	10011
mRNA Refseq	NM_001035235
Protein Refseq	NP_001030312
MIM	603819
UniProt ID	Q9HD15
Chromosome Location	5q31

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Function

DNA binding; ligand-dependent nuclear receptor binding; ligand-dependent nuclear receptor transcription coactivator activity; receptor activity; thyroid hormone receptor activator activity; transcription coactivator activity;

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