

SRA1, 90-236aa, Human, His tag, E.coli

Cat.NO.: TP04027

3th Edition

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

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 Weight: 18.7 kDa (170aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGVSGSPASGVEPTSPVVESEAVMEDVLRPLEQALED CRGHTRKQVCDDISR
RLALLQEQWAGGKLSIPVKKRMALLVQELSSHRWDAADDIHRSLMVDHVTEVSQWMVGVKRLIAEKRSLSFSEEA
NEEKSAATAEKNHTIPGFQQAS

Purity: > 95% by HPLC

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

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.