

## SRA1 Human

**Description:**SRA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 170 amino acids (90-236 a.a.) and having a molecular mass of 18.7kDa.SRA1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-1281

For research use only.

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

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSVSGGPAS GVEPTSFPVE  
SEAVMEDVLR PLEQALEDGR GHTRKQVCDD ISRRLLALLQE QWAGGKLSIP VKKRMALLVQ  
ELSSHRWDAA DDIHRSLMVD HVTEVSQWMV GVKRLIAEKR SLFSEEAANE EKSATAEKN  
HTIPGFQQAS

**Purity:**Greater than 85.0% as determined by SDS-PAGE.

**Formulation:**

SRA1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) , 0.1MNaCl , 10% glycerol and 1mM DTT.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Steroid receptor RNA activator 1 (SRA1) occurs as both an RNA transcript and as constantly expressed proteins. In addition, SRA1 mediates transcriptional coactivation of steroid receptors ligand-dependently via the steroid-binding domain (AF-2). SRA1 augments cellular proliferation and differentiation and stimulates apoptosis in vivo. SRA1 has a role in tumorigenesis. SRA1 participates in some activities such as: metabolism, adipogenesis and chromatin organization.

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