Recombinant human SRA1 protein

Catalog Number: ATGP1796

PRODUCT INFORMATION

Expression system
E.coli

Domain
90-236aa

UniProt No.
Q9HD15

NCBI Accession No.
NP_001030312.2

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

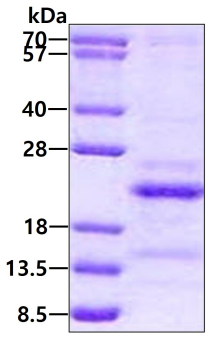
<MGSSHHHHHH SSGLVPRGSH MGS>VGSGPAS GVEPTSFPVE SEAVMEDVLR PLEQALEDCR GHTRKQVCDD ISRRLALLQE QWAGGKLSIP VKKRMALLVQ ELSSHRWDAA DDIHRSLMVD HVTEVSQWMV GVKRLIAEKR SLFSEEAANE EKSAATAEKN HTIPGFQQAS

General References

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

DATA

SDS-PAGE



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