

# Recombinant human SERTAD1 protein

Catalog Number: ATGP1638

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-236aa

### UniProt No.

Q9UHV2

### NCBI Accession No.

NP\_037508.2

### Alternative Names

SERTA domain-containing protein, SEI1, TRIP-Br1

## PRODUCT SPECIFICATION

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### Molecular Weight

27.3 kDa (260aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 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

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### Description

SERTAD1, also known as SERTA domain-containing protein, acts at E2F-responsive promoters to integrate signals provided by PHD- and/or bromodomain-containing transcription factors. This protein stimulates E2F-1/DP-1 transcriptional activity. Recombinant human SERTAD1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGSH>MLSKGL KRKREEEEEK EPLAVDSWWL DPGHTAVAQA PPAVASSSLF

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DLSVLKLNHHS LQSEPDLRH LVLVNTLRR IQASMAPAAA LPPVPSPPAA PSVADNLLAS SDAALSASMA SLEDLSHIE  
GLSQAPQPLA DEGPPGRSIG GAAPSLGALD LLGPATGCLL DDGLEGLFED IDTSMYDNEL WAPASEGLKP GPEDGPGKEE  
APELDEAELD YLMDVLVGTQ ALERPPGPGR

## General References

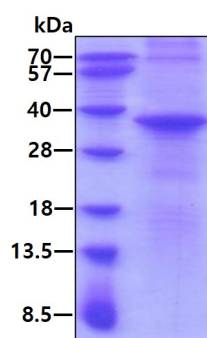
Hsu S.-I., et al. (2001) EMBO J. 20:2273-2285

Sugimoto M., et al. (1999) Genes Dev. 13:3027-3033

## DATA

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### SDS-PAGE



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