

## 32-4824: Recombinant Human SERTA Domain Containing 1

**Alternative Name :** SERTA domain-containing protein 1,CDK4-binding protein p34SEI1,SEI-1,Transcriptional regulator interacting with the PHD-bromodomain 1,TRIP-Br1,SERTAD1,SEI1.

### Description

Source : Escherichia Coli. SERTAD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 260 amino acids (1-236 a.a) and having a molecular mass of 27.3kDa (Molecular weight on SDS-PAGE will appear higher).SERTAD1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SERTA domain-containing protein (SERTAD1) functions with E2F-responsive promoters to integrate signals provided by PHD-and/or bromodomain-containing transcription factors. SERTAD1 stimulates E2F-1/DP-1 transcriptional activity. SERTAD1 reduces the activity of cyclin D1/CDK4 resistant to the inhibitory effects of p16(INK4a). In addition, SERTAD1 interacts with the PHD-bromodomain of TIF1, TRIM28/TIF1B and p300/CBP. Furthermore, SERTAD1 binds to DP1 and interacts with CDK4.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** SERTAD1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSVGLVPRGSH MGSHTMLSKGL KRKREEEEEK EPLAVDSWWL DPGHTAVAQA PPAVASSSLF DLSVLKLHHS LQSEPDLRH LVLVVNTLRR IQASMAPAAA LPPVPSPPAA PSVADNLLAS SDAALSASMA SLLEDLSHIE GLSQAPQLA DEGPPGRSIG GAAPSLGALD LLGPATGCLL DDGLEGLFED IDTSMYDNEL WAPASEGLKP GPEDGPGKEE APELDEAELD YLMDVLVGTQ ALERPPGPGR.

