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SERTAD1 Human

SERTA Domain Containing 1 Human Recombinant
RCP2063

Product Overview

Name	SERTAD1 Human
Description	
SERTA Domain Containing 1 Human Recombinant	
Accession (Primary)	Q9UHV2
Synonyms	
SERTA domain-containing protein 1, CDK4-binding protein p34SEI1, SEI-1, Transcriptional regulator interacting with the PHD-bromodomain 1, TRIP-Br1, SERTAD1, SEI1.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
SERTAD1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MLSKGL KRKREEEEEK EPLAVDSWWL DPGHTAVAQA PPAVASSSLF DLSVLKLHHS LQQSEPDLRH LVLVVNTLRR IQASMAPAAA LPPVPSPPAA PSVADNLLAS SDAALSASMA SLLEDLSHIE GLSQAPQPLA DEGPPGRSIG GAAPSLGALD LLGPATGCLL DDGLEGLFED IDTSMYDNEL	

WAPASEGLKP GPEDGPGKEE APELDEAELD YLMDVLVGTQ ALERPPGPGR.

Precautions

SERTAD1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UHV2)