

## Product datasheet for **AR51581PU-N**

### SERTAD2 (1-314, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SERTAD2 (1-314, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMLGKGGK RKFDEHEDGL EGKIVSPCDG PSKVSYTLQR QTIFNISLMK LYNHRPLTEP SLQKTVLINN MLRRIQEELK QEGSLRPMFT PSSQPTTEPS DSYREAPP AF SHLASPSSHP CDLGSTTPEL ACLTPASLLE DDDDTFCTSQ AMQPTAPTKL SPPALLPEKD SFSSALDEIE ELCPTSTSTE AATAATDSVK GTSSEAGTQK LDGPQESRAD DSKLMDSLPG NFEITTSTGF LTDLTLDDIL FADIDTSMYD FDPCTSSSGT ASKMAPVSAD DLLKTLAPYS SQPVTSPQPF KMDLTELDHI MEVLVGS
Tag:	His-tag
Predicted MW:	36.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SERTAD2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_055570</a>
Locus ID:	9792
UniProt ID:	<a href="#">Q14140</a>
Cytogenetics:	2p14



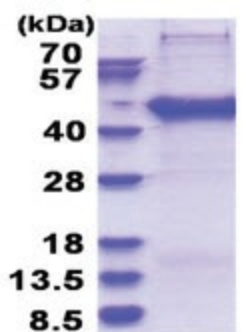
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**Synonyms:** Sei-2; TRIP-Br2; TRIPBR2

**Summary:** Acts at E2F-responsive promoters as coregulator to integrate signals provided by PHD- and/or bromodomain-containing transcription factors. May act as coactivator as well as corepressor of E2F1-TFDP1 and E2F4-TFDP1 complexes on E2F consensus binding sites, which would activate or inhibit E2F-target genes expression. Modulates fat storage by down-regulating the expression of key genes involved in adipocyte lipolysis, thermogenesis and oxidative metabolism.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transcription Factors

**Product images:**



15% SDS-PAGE (3ug)