

Product datasheet for **AR50978PU-S**

Polycomb protein EED (1-441, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Polycomb protein EED (1-441, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSEREVS TAPAGTDMPA AKKQKLSSDE NSNPDLSGDE NDDAVSIESG TINTERPDTPT NTPNAPGRKS WGKGGKWKSKK CKYSFKCVNS LKEDHNQPLF GVQFNWHSKE GDPLVFATVG SNRVTLYECH SQGEIRLLQS YVDADADENF YTCAWTYDSN TSHPLLAVAG SRGIIRIINP ITMQCIKHVY GHGNAINELK FHPRDPNLLL SVSKDHALRL WNIQTDTLVA IFGGVEGHRD EVLSADYDLL GEKIMSCGMD HSLKLWRINS KRMMNAIKES YDYNPNKTNR PFISQKIHP DFSTRDIHRN YVDCVRWLGD LILSKSCENA IVCWKPGKME DDIDKIKPSE SNVTILGRFD YSQCDIWYMR FSMDFWQKML ALGNQVGKLY VWDLEVEDPH KAKCTTLTHH KCGAAIRQTS FSRDSSILIA VCDDASIWRW DRLR
Tag:	His-tag
Predicted MW:	52.6 kDa
Concentration:	lot specific
Purity:	>85% 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
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:	NP_001294936
Locus ID:	8726
UniProt ID:	O75530
Cytogenetics:	11q14.2



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Synonyms: COGIS; HEED; WAIT1

Summary: This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein interacts with enhancer of zeste 2, the cytoplasmic tail of integrin beta7, immunodeficiency virus type 1 (HIV-1) MA protein, and histone deacetylase proteins. This protein mediates repression of gene activity through histone deacetylation, and may act as a specific regulator of integrin function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:

