

## Product datasheet for AR50978PU-S

### OriGene Technologies, Inc.

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# 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 TNTERPDTPT NTPNAPGRKS WGKGKWKSKK CKYSFKCVNS LKEDHNQPLF

GVQFNWHSKE GDPLVFATVG SNRVTLYECH SQGEIRLLQS YVDADADENF YTCAWTYDSN

TSHPLLAVAG SRGIIRIINP ITMQCIKHYV GHGNAINELK FHPRDPNLLL SVSKDHALRL WNIQTDTLVA

IFGGVEGHRD EVLSADYDLL GEKIMSCGMD HSLKLWRINS KRMMNAIKES YDYNPNKTNR

 ${\tt PFISQKIHFP\ DFSTRDIHRN\ YVDCVRWLGD\ LILSKSCENA\ IVCWKPGKME\ DDIDKIKPSE\ SNVTILGRFD}$ 

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:
 075530

 Cytogenetics:
 11q14.2



### Polycomb protein EED (1-441, His-tag) Human Protein - AR50978PU-S

Synonyms: COGIS; HEED; WAIT1

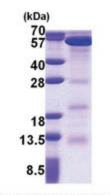
Summary: This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form

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:**



15% SDS-PAGE (3ug)