

EED recombinant protein

EED, 1-441aa, Human, His tag, E Coli

CATALOG # AAA48828	HOST E Coli	APPLICATIONS SDS-Page
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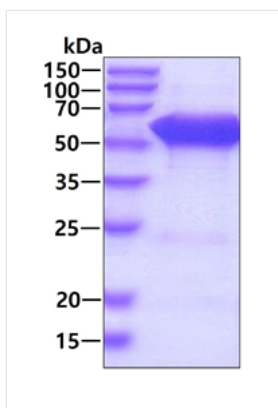
PRODUCT SYNONYMS

EED; 1-441aa; Human; His tag; E Coli; Polycomb protein EED isoform a; embryonic ectoderm development; HEED; WAIT1; EED recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMSEREVS TAPAGTDMPA AKKQKLSSDE NSNPDLSGDE NDDAVSIESG TINTERPDTPT NTPNAPGRKS WGKGKWKSKK CKYSFKCVNS LKEDHNQPLF GVQFNWHSKE GDPLVFATVG SNRVTLYECH SQGEIRLLQS YVDADADENF YTCAWTYDSN TSHPLLAVAG SRGIIRIINP ITMQCIKHYY GHGNAINELK FHPRDPNLLL SVSKDHALRL WNIQTDTLVA IFGGVEGHRD EVLSADYDLL GEKIMSCGMD HSLKLWRINS KRMMNAIKES YDYNPNKTNR PFISQKIHP DFSTRDIHRN YVDCVRWLGD LILSKSCENA IVCWKPGKME DDIDKIPSE SNVTILGRFD YSQCDIWYMR FSMDFWQKML ALGNQVGKLY VWDLEVEDPH KAKCTTLTHH KCGAAIRQTS FSRDSSILIA VCDDASIWRW DRLR
Sequence Length	441
Applicable Applications for EED recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-441aa
Preparation and Storage	Can be stored at 2 to 8 degree C for 1 week. For long term storage, aliquot and store at -20 to -80 degree C. Avoid repeated freezing and thawing.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for EED recombinant protein	EED is 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 beta 7, 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. Recombinant EED protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for EED recombinant protein	Epigenomics
References	Rietzler M, Bittner M, Kolanus W, Schuster A, Holzmann B (Nov 1998). J Biol Chem 273 (42): 27459-66; Schumacher A, Lichtarge O, Schwartz S, Magnuson T (Jan 1999). Genomics 54 (1): 79-88

NCBI AND UNIPROT INFORMATION

NCBI GI #	24041020
NCBI GeneID	8726
NCBI Accession #	NP_003788
NCBI GenBank Nucleotide #	NM_003797.4
UniProt Accession #	O75530; O00149; Q6NTH2; Q7LDA5; Q7LDG8; Q86VV2; Q9UNY7; A8K7V5
Molecular Weight	52.6kDa (464aa)
NCBI Official Full Name	polycomb protein EED isoform a
NCBI Official Synonym Full Names	embryonic ectoderm development
NCBI Official Symbol	EED
NCBI Official Synonym Symbols	HEED; COGIS; WAIT1
NCBI Protein Information	polycomb protein EED
UniProt Protein Name	Polycomb protein EED
UniProt Gene Name	EED
UniProt Synonym Gene Names	WAIT-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.