

Recombinant Human EED, His-tagged

Cat. No. EED-12287H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EED protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-466a.a.
Description	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.
Source	E.coli
Species	Human
Tag	His
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing

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cycles.

Storage Buffer

1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name

[EED embryonic ectoderm development \[Homo sapiens \]](#)

Official Symbol

EED

Synonyms

EED; embryonic ectoderm development; polycomb protein EED; HEED; WAIT 1; WD protein associating with integrin cytoplasmic tails 1; WAIT1;

Gene ID

[8726](#)

mRNA Refseq

[NM_003797](#)

Protein Refseq

[NP_003788](#)

MIM

[605984](#)

UniProt ID

[O75530](#)

**Chromosome
Location**

11q14.2-q22.3

Function

chromatin binding; histone methyltransferase activity; identical protein binding; protein binding;

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