

Recombinant Human EED Protein, His-tagged

Cat. No. EED-410H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EED(Asp142~Arg441) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp142~Arg441
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	38.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

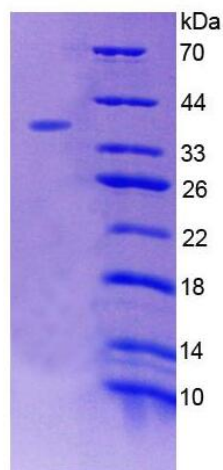
GENE INFORMATION

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

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15% SDS-PAGE

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