

Recombinant Human EED Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EED-1473H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EED MS Standard C13 and N15-labeled recombinant protein (NP_694536) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	45.3 kDa
AA Sequence	MSEREVSTAPAGTDMPPAAKKQKLSSDENSPDLSGDENDDAVSIESGTINTERPDTP TNTPNAPGRKSWGKWKWSKKCKYSFKCVNSLKEDHNQPLFGVQFNWHSKEGDP LVFATVGSNRVTLYECHSQGEIRLLQSYVDADADENFYTCAWTYDSNTSHPLLAVA GSRGIIRIINPITMQCIKHYYVGHGNAINELKFHPRDPNLLLSVSKDHALRLWNIQTDTLV AIFGGVEGHRDEVLSADYDLLGEKIMSCGMDHSLKLWRINSKRMMNAIKESYDYNP

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NKTNRPFISQKIHFPDFSTRDIHRNYVDCVRWLGLILSKSCENAIVCWKPGKMEDDI
DKIKPSESNVTILGRFDYSQCDIWYMRFSMDFWQKMLALGNQVGKLYVWDLEVEDP
HKAKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EED embryonic ectoderm development [Homo sapiens (human)]

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_152991

Protein Refseq NP_694536

MIM 605984

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UniProt ID

O75530

SDS-PAGE

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