

Recombinant Full Length Human EED Protein, GST-tagged

Cat. No. EED-4204HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EED full-length ORF (NP_003788.2, 1 a.a. - 441 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	441 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	76.6 kDa
AA Sequence	MSEREVSTAPAGTDMPPAAKKQKLSSDENSNDLSGDENDDAVSIESGTINTERPDTP TNTPNAPGRKSWGKGKWKSKKCKYSFKCVNSLKEDHNQPLFGVQFNWHSKEGDP LVFATVGSNRVTLYECHSQGEIRLLQSYVDADADENFYTCAWTYDSNTSHPLLAVA GSRGIIRIINPITMQCIKHVYVGHGNAINELKFHPRDPNLLLSVSKDHALRLWNIQTDTLV AIFGGVEGHRDEVLSADYDLLGEKIMSCGMDHSLKLWRINSKRMMNAIKESYDYNP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NKTNRPFISQKIHFPDFSTRDIHRNYVDCVRWLGLILSKSCENAIVCWKPGKMEDDI
DKIKPSESNVTILGRFDYSQCDIWYMRFSMDFWQKMLALGNQVGKLYVWDLEVEDP
HKAKCTTLTHHKCGAAIRQTSFSRDSSILIAVCDDASIWRWDRLR

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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UniProt ID

O75530

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