

## Product datasheet for TP319261M

### EED (NM\_003797) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human embryonic ectoderm development (EED), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219261 representing NM_003797 Red=Cloning site Green=Tags(s)

MSEREVSTAPAGTDMPPAAKKQKLSSDENSNPDLSGDENDDAVSIESGTNTERPDTPTNTPNAPGRKSWGK  
GKWKSKKCKYFKCVNSLKEDHNQPLFGVQFNWHSKEGDPVLFATVGSNRVTLYECHSQGEIRLLQSYVD  
ADADENFYTCAWTYDSNTSHPLLAVAGSRGIIRIINPITMQCIKHVYVGHGNAINELKFHPRDPNLLLSVS  
KDHALLRLWNIQTDTLVAIFGGVEGHRDEVLSADYDLLGEKIMSCGMDHSLKLWRINSKRMMNAIKESYDY  
NPNKTNRPFISQKIHFPDFSTRDIHRNYVDCVRWLGDLILSKSCENAIVCWKPGKMEDDIDKIKPSESNV  
TILGRFDYSQCDIWYMRFSMDFWQKMLALGNQVQGLYVWDLEVEDPHKAKCTTLTHHKCGAAIRQTSFSR  
DSSILIAVCDDASIWRWDRLR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	50 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_003788](#)

Locus ID: 8726

UniProt ID: [O75530](#)

RefSeq Size: 2006

Cytogenetics: 11q14.2

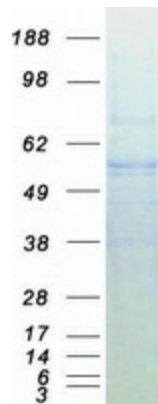
RefSeq ORF: 1323

Synonyms: COGIS; HEED; WAIT1

**Summary:** 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]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified EED protein (Cat# [TP319261]). The protein was produced from HEK293T cells transfected with EED cDNA clone (Cat# [RC219261]) using MegaTran 2.0 (Cat# [TT210002]).