

## Product datasheet for PH319261

### EED (NM\_003797) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	EED MS Standard C13 and N15-labeled recombinant protein (NP_003788)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219261
Predicted MW:	50 kDa
Protein Sequence:	>RC219261 representing NM_003797 Red=Cloning site Green=Tags(s)  MSEREVSTAPAGTDMPPAAKKQKLSSENSNPDLSGDENDDAVSIESGTNTERPDTPTNTPNAPGRKSWGK GKWKSKKCKYSFKCVNSLKDHNQPLFGVQFNWHSKEGDPVLFATVGSNRVTLYECHSQGEIRLLQSYVD ADADENFYTCAWTYDSNTSHPLLAVAGSRGIIRIINPITMQCIKHVYVGHGNAINELKFHPRDPNLLL SVS KDHALLRLWNIQTDTLVAIFGGVEGHRDEVLSADYDLLGEKIMSCGMDHSLKLRINSKRMMNAIKESYDY NPNKTNRPFI SQKIHFPDFSTRDIHRNYVDCVRWLGDLILSKSCENAIVCWKPGKMEDDIDKIKPSES NV TILGRFDYSQCDIWMRF SMDFWQKMLALGNQVGKLYVWDEVEDPHKAKCTTLTHHKCGAAIRQTSFSR DSSILIAVCCDASIWRWRLR  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003788</u>
RefSeq Size:	2006
RefSeq ORF:	1323
Synonyms:	COGIS; HEED; WAIT1



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Locus ID: 8726

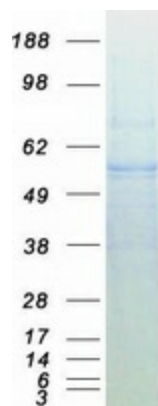
UniProt ID: [O75530](#)

Cytogenetics: 11q14.2

**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]).