

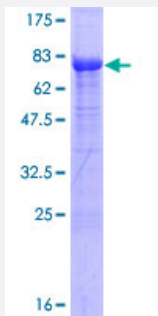
Full-Length

EED (Human) Recombinant Protein (P01)

Catalog # H00008726-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EED full-length ORF (NP_003788.2, 1 a.a. - 441 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSEREVSTAPAGTDMPPAAKKQKLSSDENSNDLSGDENDDAVSIESGTNTERPDTPNTNPAP
GRKSWGKGKWKSKKCKYSFKCVNSLKEDHNQPLFGVQFNWHSKEGDPLVFATVGSNRVTLYE
CHSQGEIRLLQSYVDADADENFYTCAWTYDSNTSHPLLAVAGSRGIIRIINPITMQCIKHVYVGHGNAIN
ELKFHPRDPNLLLSVSKDHALRLWNIQDTLVAIFGGVEGHRDEVLSADYDLLGEKIMSCGMDHS
LKLWRINSKRMMNAIKESYDYNPNKTNRPFISQKIHFPDFSTRDIHRNYVDCVRWLGDILSKSCEN
AIVCWKPGKMEDDIDKIKPSESNVTILGRFDYSQCDWYMRFSMDFWQKMLALGNQVVKLYVWD
LEVDPHKAECTTLTHHKCGAAIRQTSFSRDSSILAVCDDASIRWDRRLR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.6

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — EED

Entrez GeneID [8726](#)

GeneBank Accession# [NM_003797.2](#)

Protein Accession# [NP_003788.2](#)

Gene Name EED

Gene Alias HEED, WAIT1

Gene Description embryonic ectoderm development

Omim ID [605984](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations WD protein associating with integrin cytoplasmic tails 1