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EED, 1-441aa, Human, His tag, E.coli

产品货号: TP01968

第三版

别名: Polycomb protein EED isoform a, embryonic ectoderm development, HEED; WAIT1

**描述:** EED is 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 beta 7, 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. Recombinant EED protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**分子量:** 52.6kDa (464aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMSEREVSTAPAGTDMPPAAKKQKLSSDENSNPDLSGDENDDAVSIESGTNTERPDTP  
TNTPNAPGRKSWGKWKWKKCKYFKCVNSLKEDHNQPLFGVQFNWHSKEGDPLVFATVGSNRVTLYECHSQGEIRL  
LQSYVDADADENFYTCAWTYDSNTSHPLLA VAGSRGIIRIINPITMQCIKHVYVGHGNAINELKFHPRDPNLLLSVSKDHAL  
RLWNIQTDTLVAIFGGVEGHRDEVL SADYDLLGEKIMSCGMDHSLKLWRINSKRMMNAIKESYDYNPNKTNRPFISQKIH  
FPDFSTRDIHRNYVDCVRWLGDLILSKSCENAIVCWKPGKMEDDIDKIKPSESNTILGRFDYSQCIDIWYMRFSMDFWQK  
MLALGNQV GKLYVWDLEVEDPHKAKCTTLTHHKCGAAIRQTSFSRDSSILIAVCDDASIWRWDRLR

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.