

## 32-3707: EED Recombinant Protein

**Alternative Name :** Embryonic ectoderm development,HEED; WAIT1,Polycomb protein EED,hEED,WD protein associating with integrin cytoplasmic tails 1,EED.

### Description

Source : Escherichia Coli. EED Human Recombinant produced in E. coli is a single polypeptide chain containing 464 amino acids (1-441) and having a molecular mass of 52.6kDa. EED is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. EED is a part of the Polycomb-group family whose members form multimeric protein complexes that are involved in preserving the transcriptional repressive state of genes over successive cell generations. EED mediates repression of gene activity through histone deacetylation, and acts as a specific regulator of integrin function. EED protein interacts with enhancer of zeste 2, the cytoplasmic tail of integrin 7, immunodeficiency virus type 1 (HIV-1) MA protein, and histone deacetylase proteins.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The EED solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMSEREVS TAPAGTDMPA AKKQKLSSDE NSNPDLSGDE  
NDDAVSIESG TINTERPDTPT NTPNAPGRKS WGKGGKWKSKK CKYSFKCVNS LKEDHNQPLF  
GVQFNWHSKE GDPLVFATVG SNRVTLYECH SQGEIRLLQS YVDADADENF YTCAWTYDSN  
TSHPLLAVAG SRGIIRIINP ITMQCIKHVY GHGNAINELK FHPRDPNLLL SVSKDHALRL WNIQTDTLVA  
IFGGVEGHRD EVLSADYDLL GEKIMSCGMD HSLKLWRINS KRMMNAIKES YDYNPNKTNR PFISQKIHP  
DFSTRDIHRN YVDCVRWLGD LILSKSCENA IVCWKPGKME DDIDKIKPSE SNVTILGRFD YSQCDIWYMR  
FSMDFWQKML ALGNQVGKLY VWDLEVEDPH KAKCTTLTHH KCGAAIRQTS FSRDSSILIA  
VCDDASIWRW DRLR.

