



# Recombinant Chicken Polycomb protein EED (EED)

<b>Product Code</b>	CSB-EP726519CH-B
<b>Abbreviation</b>	EED
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q5ZKH3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSERGEAPAA AASAGAGGEM PAKKQKLSSD ENSNPGDL SG DENDDAVSIE SGTINTERPDT PTNTPNAPGR KSWGK GKWKS KKCKYSFKCV NSLKEDHGQP LFGVQFNWHS KEGDPLVFAT VGSNRVTLYE CHSQGEIRLL QSYVDADADE NFYTCAWTYD SNTSHPLLAV AGSRGIIRII NPITMQCIKH YVGHGNAIN E LKFHPRDPNL LLSVSKDHAL RLWNIQTDTL VAIFGGVEGH RDEVLSADYD LLGEKIMSCG MDHSLKLWRI NSKRMINAIK ESYEYNPNKT NRPFISQKIH FPDFSTRDIH RNYVDCVRWL GDLILSKSCE NAIVCWKPGK MEDDIDKIKP SESNVTLGR FDYSQC DIWY MRFSMDFWQK MLALGNQVGK LYVWDLEIED PHKAKCTTLT HPKCVAAIRQ TSFSRDSSIL IAVCDDASIW RWDRLR
<b>Source</b>	E.coli
<b>Target Names</b>	EED
<b>Protein Names</b>	Recommended name: Polycomb protein EED
<b>Expression Region</b>	1-446
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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