

CCAAT/Enhancer Binding Protein Delta Recombinant Protein | CEBPd recombinant protein

Recombinant CCAAT/Enhancer Binding Protein Delta (CEBPd)

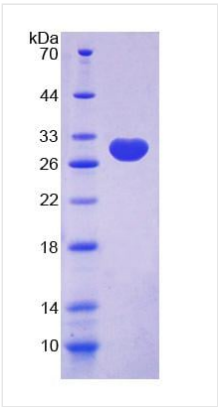
CATALOG # AAA145449	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

CCAAT/Enhancer Binding Protein Delta; Recombinant CCAAT/Enhancer Binding Protein Delta (CEBPd); CEBP-D; C/EBP-delta; CELF; CRP3; NF-IL6-beta; Nuclear factor NF-IL6-beta; CEBPd recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	AMYDDESAID FSAYIDSMMA VPTLELCHDE LFADLFNSNH KAGGAGPLEL LPGGPAPRLG PGPAAPRLK REPDWGDGDA PGSLLPAQVA ACAQTVVSLA AAGQTPPTS PEPPRSSPRQ TPAPGPAREK SAGKRGPD RG SPEYRQRRER NNIIVRKS RD KAKRRNQEMQ QKLVELSAEN EKLHQRVEQL TRDLAGLRQF FK
Applicable Applications for CEBPd recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala51~Lys252
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	9.0
Phenomenon explanation:	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872798
NCBI GeneID	1052
NCBI Accession #	NP_005186.2
NCBI GenBank Nucleotide #	NM_005195.3
Molecular Weight	Predicted Molecular Mass: 25.6kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	CCAAT/enhancer-binding protein delta
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein delta
NCBI Official Symbol	CEBPD
NCBI Official Synonym Symbols	CELF; CRP3; C/EBP-delta; NF-IL6-beta
NCBI Protein Information	CCAAT/enhancer-binding protein delta
UniProt Protein Name	CCAAT/enhancer-binding protein delta
UniProt Gene Name	CEBPD
UniProt Synonym Gene Names	C/EBP delta; NF-IL6-beta
UniProt Entry Name	CEBPD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cebpd-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145449>