

CCAAT/enhancer binding protein(C/EBP) Gamma Recombinant Protein | CEBP-g recombinant protein

Recombinant Human CCAAT/enhancer binding protein(C/EBP) Gamma

CATALOG # AAA38490	HOST E Coli
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PRODUCT SYNONYMS

CCAAT/enhancer binding protein(C/EBP) Gamma; Recombinant Human CCAAT/enhancer binding protein(C/EBP) Gamma; CEBP Gamma Human; CCAAT/enhancer binding protein C/EBP Gamma Recombinant Human; CCAAT/enhancer-binding protein gamma; C/EBP gamma; CEBPG; GPE1BP; IG/EBP-1; CEBP-g recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The protein contains 20mM Tris-HCl pH7.5, 0.1M NaCl and 5mM b-Mercaptoethanol. Sterile filtered colorless solution.
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMPGG GGVAVAPSKQ SKKSSPMDRN SDEYRQRRER NNMAVKKSRL KSKQKAQDTL QRVNQLKEEN ERLEAKIKLL TKELSVLKDL FLEHAHNLD NVQSISTENT TADGDN
Sequence Length	150
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for CEBP-g recombinant protein	Description: CEBP-g Recombinant Human His-Tag fusion protein produced in E Coli is a single, non-glycosylated polypeptide chain containing amino acids 146 (aa 39-147) and having a molecular mass of 16.5 kDa. The DNA binding domain of CEBP-g was purified by proprietary chromatographic techniques. Introduction: CCAAT/enhancer binding protein(C/EBP) g is a family of transcription factors all contain a highly conserved, basic-leucine zipper domain at the C-terminus that is involved in dimerization and DNA binding. C/EBP family of transcription factors regulates viral and cellular CCAAT/enhancer element-mediated transcription. C/EBP family consist of several related proteins, C/EBP a,b,g,d, that form homodimers and/or form heterodimers with each other. C/EBP proteins contain the bZIP region, which is characterized by two motifs in the C-terminal half of the protein; a basic region involved in DNA binding and a leucine zipper motif involved in dimerization. C/EBP g may cooperate with Fos to bind PRE- enhancer elements.
Product Categories/Family for CEBP-g recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; CCAAT/enhancer binding protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	356582519
NCBI GeneID	1054
NCBI Accession #	NP_001239225.1
NCBI GenBank Nucleotide #	NM_001252296.1

UniProt Accession #	P53567 ; Q5U052 ; B2R946
Molecular Weight	16,408 Da
NCBI Official Full Name	CCAAT/enhancer-binding protein gamma
NCBI Official Synonym Full Names	CCAAT/enhancer binding protein (C/EBP), gamma
NCBI Official Symbol	CEBPG
NCBI Official Synonym Symbols	GPE1BP; IG/EBP-1
NCBI Protein Information	CCAAT/enhancer-binding protein gamma; c/EBP gamma
UniProt Protein Name	CCAAT/enhancer-binding protein gamma
UniProt Gene Name	CEBPG
UniProt Synonym Gene Names	C/EBP gamma
UniProt Entry Name	CEBPG_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/cebp-g-recombinant-protein-e-coli/38490>