9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3501: CEBP-g Recombinant Protein

Alternative Name : CCAAT/enhancer-binding protein gamma,C/EBP gamma,CEBPG,GPE1BP,IG/EBP-1.

Description

Source : Escherichia Coli. 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. 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 Info

Amount :	50 µg
Purification :	Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The protein contains 20mM Tris-HCl pH7.5, 0.1M NaCl and 5mM b-Mercaptoethanol.
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 :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMPGG GGKAVAPSKQ SKKSSPMDRN SDEYRQRRER NNMAVKKSRL KSKQKAQDTL QRVNQLKEEN ERLEAKIKLL TKELSVLKDL FLEHAHNLAD NVQSISTENT TADGDN.