

## CEBPG

### Recombinant Human CCAAT/enhancer Binding Protein gamma His (aa 39-147)

<b>Catalog No.</b>	CSI15638A	<b>Quantity:</b>	100 µg
	CSI15638B		500 µg

**Alternate Names:** GPE1BP, IG/EBP-1, CCAAT/enhancer binding protein gamma

**Description:** CCAAT/enhancer binding protein(C/EBP) γ 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 α,β,γ,δ, 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 γ may cooperate with Fos to bind PRE- enhancer elements. The DNA binding domain of CEBP-γ (amino acid residues, 39 -147) was produced in *E. coli* and purified by using conventional chromatography techniques.

**Concentration:** 1 mg/ml (determined by Bradford assay)

**GeneID:** 1054

**Protein Accession No:** NP\_001797

**Source:** *E. coli*

**Molecular Weight:** 16.5kDa (146aa), confirmed by MALDI-TOF.

**Formulation:** liquid. In 20mM Tris-HCl pH7.5, 0.1M NaCl, 5mM beta-Mercaptoethanol

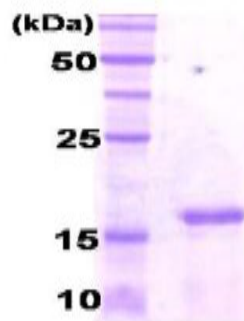
**Purity:** > 95% by SDS - PAGE

**Amino Acid Sequence:** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMPGG G GKAVAPSKQ  
SKKSSPMDRN SDEYRQRRER NNMAVKKSRL KSKQKAQDTL QRVNQLKEEN  
ERLEAKIKLL TKELSVLKDL FLEHAHNLAD NVQSISTENT TADGDN

**Application:** SDS-PAGE

**Storage & Stability:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. **Avoid repeated freezing and thawing cycles.**





15% SDS-PAGE (3ug)

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