

Datasheet for ABIN666624

**CEBPG Protein (AA 39-147) (His tag)**[Go to Product page](#)**1** Image

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                       |
| Target:                       | CEBPG  |
| Protein Characteristics:      | AA 39-147                                    |
| Origin:                       | Human  |
| Source:                       | Escherichia coli (E. coli)                   |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This CEBPG protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                               |

## Product Details

|                  |   |
|------------------|---|
| Characteristics: | CEBP-gamma, His-tag(DNA binding domain, residues 39-147, Human), E.coli |
| Purity:          | > 95 % by SDS - PAGE  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CEBPG  |
| Alternative Name: | CEBP-gamma ( <a href="#">CEBPG Products</a> )  |
| Background:       | CCAAT/enhancer binding protein(C/EBP) gamma 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 alpha, beta gamma, delta, that form homodimers and/or form heterodimers |

Target Details

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 gamma may cooperate with Fos to bind PRE- enhancer elements. The DNA binding domain of CEBP-gamma (amino acid residues, 39-147) was produced in E.coli and purified by using conventional chromatography techniques. Synonyms: CEBPG, CEBP-gamma, His-tag (DNA binding domain, residues), C/EBP gamma, CCAAT/enhancer-binding protein gamma, CCAAT/enhancer binding protein g C/EBP gamma, CCAAT/enhancer binding protein (C/EBP) gamma, CCAAT/enhancer binding protein gamma, GPE1BP, IG/EBP 1, IG/EBP1,. NCBI no.: NP\_001797

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

Pathways: [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Restrictions: For Research Use only

Handling

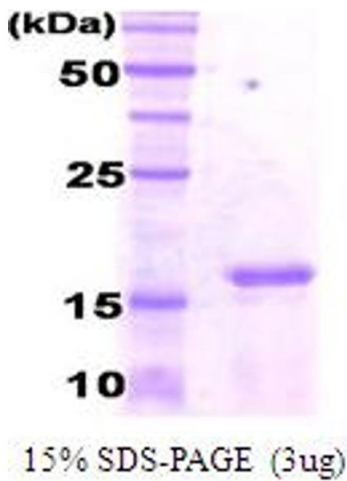
Format: Liquid

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

Buffer: Liquid. In 20mM Tris-HCl pH7.5, 0.1M NaCl, 5mM beta-Mercaptoethanol

Storage: 4 °C

Images



**SDS-PAGE**

Image 1.