

## Product datasheet for SA6044

### CEBPG (DNA Binding Dom., His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CEBPG (DNA Binding Dom., His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMPGG GGKAVAPSKQ SKKSSPMDRN SDEYRQRRER NNMAVKKSRL KSKQKAQDTL QRVNQLKEEN ERLEAKIKLL TKELSVLKDL FLEHAHNLAD NVQSISTENT TADGDN
Tag:	His-tag
Predicted MW:	17 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl pH 7.5, 0.1 M NaCl, 5 mM $\beta$ -Mercaptoethanol
Preparation:	Liquid purified protein
Protein Description:	The DNA binding domain of CEBP- $\gamma$ (amino acid residues, 39-147), fused to His-tag, was produced in E.coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001239225</a>
Locus ID:	1054
UniProt ID:	<a href="#">P53567</a>
Cytogenetics:	19q13.11
Synonyms:	GPE1BP; IG/EBP-1



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**Summary:**

The C/EBP family of transcription factors regulates viral and cellular CCAAT/enhancer element-mediated transcription. 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. The C/EBP family consist of several related proteins, C/EBP alpha, C/EBP beta, C/EBP gamma, and C/EBP delta, that form homodimers and that form heterodimers with each other. CCAAT/enhancer binding protein gamma may cooperate with Fos to bind PRE-I enhancer elements. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Nov 2011]

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**