

Datasheet for ABIN1095537
CEBPG Protein (AA 1-148, partial) (His tag)[Go to Product page](#)

1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | CEBPG |
| Protein Characteristics: | AA 1-148, partial |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CEBPG protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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|------------------|--|
| Sequence: | MSKISQQNST PGVNGISVIH TQAHASGLQQ VPQLVPAGPG GGGKAVAPSK QSKKSSPMDR NSDEYRQRRE RNNMAVKKSR LKSKQKAQDT LQRVNQLKEE NERLEAKIKL LTKELSVLKD LFLEHAHNLA DNVQSISTEN TTADGDNA |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | 90 % |

Target Details

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| Target: | CEBPG |
| Alternative Name: | CCAAT/enhancer-binding protein gamma protein (CEBPG Products) |
| Background: | Transcription factor that binds to the enhancer element PRE-I (positive regulatory element-I) of |

Target Details

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|-------------------|---|
| | the IL-4 gene. Might change the DNA-binding specificity of other transcription factors and recruit them to unusual DNA sites. |
| Molecular Weight: | 20.3 kD |
| UniProt: | P53567 |
| Pathways: | Positive Regulation of Response to DNA Damage Stimulus |

Application Details

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| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C for extended storage, conserve at -20 °C or -80 °C |



SDS-PAGE

Image 1. CCAAT/enhancer Binding Protein (C/EBP), gamma (CEBPG) (AA 1-148), (partial) protein (His tag)