

Recombinant Human CEBPG, GST-tagged

Cat. No. CEBPG-11087H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CEBPG protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 1-150a.a.

Description This gene encodes a cell division cycle protein with kinase activity that is critical for the G1/S transition. The yeast homolog is also essential for initiation of DNA replication as cell division occurs. Overexpression of this gene product may be associated with neoplastic transformation for some tumors. Multiple alternatively spliced transcript variants that encode the same protein have been detected.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name CEBPG CCAAT/enhancer binding protein (C/EBP), gamma [Homo sapiens]

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Official Symbol	CEBPG
Synonyms	CEBPG; CCAAT/enhancer binding protein (C/EBP), gamma; CCAAT/enhancer-binding protein gamma; GPE1BP; IG/EBP 1; c/EBP gamma; IG/EBP-1;
Gene ID	1054
mRNA Refseq	NM_001252296
Protein Refseq	NP_001239225
UniProt ID	P53567
Chromosome Location	19q13.2
Pathway	Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;
Function	DNA binding; double-stranded DNA binding; protein binding; protein heterodimerization activity; sequence-specific DNA binding; transcription factor binding;

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