Recombinant Human C4BPA protein, MYC/DDK-tagged

Cat. No. C4BPA-182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C4BPA fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. Along with a single, unique beta-chain, seven identical alpha-chains encoded by this gene assemble into the predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade through the classical pathway. The genes encoding both alpha and beta chains are located adjacent to each other on human chromosome 1 in the regulator of complement activation gene cluster. Two pseudogenes of this gene are also found in the cluster.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	61.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	C4BPA complement component 4 binding protein, alpha [Homo sapiens]
Official Symbol	C4BPA
Synonyms	C4BPA; complement component 4 binding protein, alpha; C4BP, complement component 4 binding protein, alpha; C4b-binding protein alpha chain; proline-rich protein; PRP; C4BP;
Gene ID	722
mRNA Refseq	NM_000715
Protein Refseq	NP_000706
MIM	120830
UniProt ID	P04003
Chromosome Location	1q32
Pathway	CD40/CD40L signaling, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Pertussis, organism-specific biosystem;
Function	protein binding;

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