

Recombinant Human C4BPB

Catalog No: #GP12685



Package Size: #GP12685-1 100ug

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Description

Product Name	Recombinant Human C4BPB
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 21-251 amino acids of human C4BPB
Target Name	complement component 4 binding protein beta
Other Names	C4BP
Accession No.	Swissprot:P20851Gene Accession:BC005378
Uniprot	P20851
GeneID	725;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. A single, unique beta-chain encoded by this gene assembles with seven identical alpha-chains into the predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade through the classical pathway. C4b-binding protein has a regulatory role in the coagulation system also, mediated through the beta-chain binding of protein S, a vitamin K-dependent protein that serves as a cofactor of activated protein C. 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. Alternative splicing gives rise to multiple transcript variants.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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