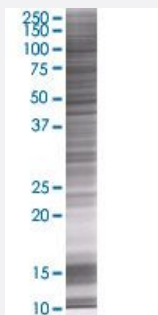


C4BPB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000725-T01

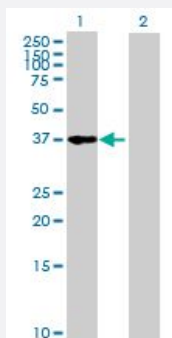
Size 100 uL

Applications



SDS-PAGE Gel

C4BPB transfected lysate.



Western Blot

Lane 1: C4BPB transfected lysate (27.83 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-C4BPB full-length

Host Human

Theoretical MW (kDa) 27.83

Quality Control Testing Transient overexpression cell lysate was tested with Anti-C4BPB antibody ([H00000725-B01](#)) by Western Blots.
 SDS-PAGE Gel
 C4BPB transfected lysate.
 Western Blot
 Lane 1: C4BPB transfected lysate (27.83 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — C4BPB

Entrez GeneID	725
GeneBank Accession#	NM_001017367.1
Protein Accession#	NP_001017367.1
Gene Name	C4BPB
Gene Alias	C4BP
Gene Description	complement component 4 binding protein, beta
Omim ID	120831
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	C4b binding protein, beta chain OTTHUMP00000034288 OTTHUMP00000034289 OTTHUMP0000034375 complement component 4 binding protein, beta chain complement component 4-binding protein, beta

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Tobacco Use Disorder](#)
- [Venous Thrombosis](#)