Recombinant human C1QB protein, His-tagged

Cat. No. C1QB-599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant C1QB protein(Gln28-Ala253), fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	28-253 a.a.
Description	This gene encodes the B-chain polypeptide of serum complement subcomponent C1q, which associates with C1r and C1s to yield the first component of the serum complement system. C1q is composed of 18 polypeptide chains which include 6 A-chains, 6 B-chains, and 6 C-chains. Each chain contains an N-terminal collagen-like region and a C-terminal C1q globular domain. C1q deficiency is associated with lupus erythematosus and glomerulonephritis.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	38 kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	C1QB
Official Symbol	C1QB
Synonyms	C1QB
Gene ID	713
mRNA Refseq	NM_001371184.1
Protein Refseq	NP_001358113.1
MIM	120570
UniProt ID	P02746

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