

Recombinant Human C1QC Protein, His tagged

Cat. No. C1QC-926H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C1QC Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	29-245 aa
Description	This gene encodes the C-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	Sterile PBS, 0.5% SKL
Molecular Mass	25 kDa
AASequence	MGSSHHHHHSSGLVPRGSHMNTGCGYGPMPGLPGAPGKDG YDGLPGPKGE PG IPAIPGIRGPKGQKGEPGLPGHPGKNGPMGPPGMPGVPGPMGIPGEPGEEGRYKQ KFQSVFTVTRQTHQPPAPNSLIRFNAVL TNPQG DYDTSTGKFTCKVPGLYYFVYHAS HTANLCVLLYRSGVKVVTFCGHTSKTNQVNSGGVLLRLQVGEEVWLAVNDYYDMV GIQGS DSVFSGFLLFPD

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Endotoxin	< 1.0 EU/μg of the protein by the LAL method.
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/mL by BCA

GENE INFORMATION

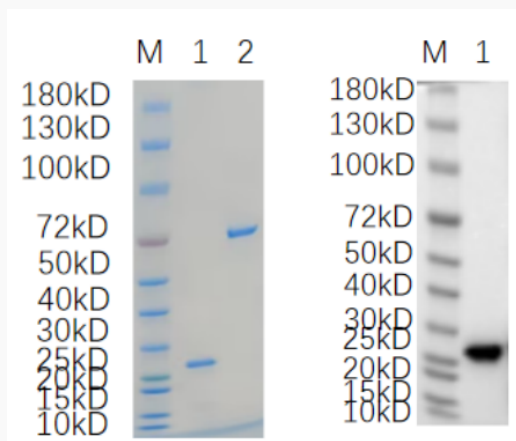
Gene Name	C1QC complement component 1, q subcomponent, C chain [Homo sapiens (human)]
Official Symbol	C1QC
Synonyms	C1QC; complement component 1, q subcomponent, C chain; C1QG, complement component 1, q subcomponent, gamma polypeptide; complement C1q subcomponent subunit C; complement component 1, q subcomponent, gamma polypeptide; C1QG; C1Q-C; FLJ27103;
Gene ID	714
mRNA Refseq	NM_001114101
Protein Refseq	NP_001107573
MIM	120575
UniProt ID	P02747

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified C1QC. 1. C1QC: 1 µg 2. BSA: 1 µg