

Recombinant Human Complement Component 1, q Subcomponent Binding Protein

Cat. No. C1QBP-367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human C1QBP was expressed in E.coli and purified by conventional chromatography techniques, 23.9kDa (210aa).
Species	Human
Source	E.coli
Description	Human complement component 1, q subcomponent binding protein (C1QBP) is a ubiquitously expressed multifunctional phospho-protein that interacts with the globular heads of C1q (gC1q). This protein also interacts with a wide range of ligands and is implicated in cell signaling.
Sequences of amino acids	MLHTDGDKAF VDFLSDEIKE ERKIQKHKTLL PKMSGGWELE LNGTEAKLVR KVAGEKITVT FNINNSIPPT FDGEEEPSQG QKVEEQEPEL TSTPNFVVEV IKNDDGKKAL VLDCHYPEDE VGQEDEAESD IFSIREVSFQ STGESEWKDT NYTLNTDSL D WALYDHLMD F LADRGVDNTF ADELVELSTA LEHQEYITFL EDLKSFVKSQ
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT, 20% glycerol
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

C1QBP complement component 1, q subcomponent binding protein [Homo sapiens]

Synonyms

C1qBP; GC1QBP; HABP1; SF2P32; gC1Q-R; gC1qR; p32; p33; C1q globular domain-binding protein; GC1q-R protein; Glycoprotein gC1qBP; Hyaluronan-binding protein 1; Mitochondrial matrix protein p32; complement component 1, q subcomponent binding protein; splicing factor SF2-associated protein; Complement component 1 Q subcomponent-binding protein, mitochondrial

Gene ID

708

mRNA Refseq

NM_001212

Protein Refseq

NP_001203

MIM

601269

UniProt ID

Q07021

Chromosome Location

17p13.3

Pathway

Hemostasis

Function

complement component C1q binding; protein binding

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PDBrendering based
on 1p32. Available
structures:1p32



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