

Complement Component 1 Recombinant Protein | C1QBP recombinant protein

Recombinant Human Complement Component 1

CATALOG #
AAA38627

HOST
E Coli

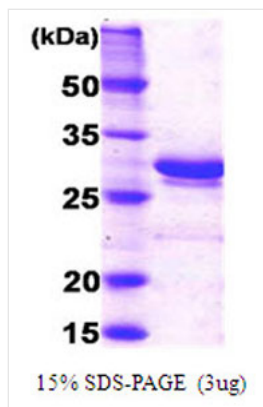
PRODUCT SYNONYMS

Complement Component 1; Recombinant Human Complement Component 1; C1QBP Human; Complement Component 1 Human Recombinant; p32; HABP1; gC1Qr; GC1QBP; SF2p32; gC1Q-R; Complement component 1 Q subcomponent-binding protein mitochondrial; Glycoprotein gC1qBP; C1qBP; GC1q-R protein; Hyaluronan-binding protein 1; Mitochondrial matrix protein p32; p33; C1QBP; C1QBP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The C1QBP protein solution contains 20mM Tris-HCl pH7.5, 20% glycerol and 1mM DTT. Sterile Filtered colorless solution.
Sequence	MLHTDGDKAF VDFLSDEIKE ERKIQKHKL PKMSGGWELE LNGTEAKLVR KVAGEKITVT FNINNSIPPT FDGEEPSQG QKVEEQEPEL TSTPNFVVEV IKNDGKKAL VLDCHYPEDE VGQEDEAESD IFSIREVSFQ STGESEWKDT NYTLNTDSL D WALYDHLMD F LADRGVDNTF ADELVELSTA LEHQEYITFL EDLKS FVKSQ
Sequence Length	282

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for C1QBP recombinant protein	Description: C1QBP Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 210 amino acids and having a molecular mass of 23.9 kDa. Introduction: C1QBP having the accession number of NP_001203 binds to the globular "heads" of c1q thus inhibiting c1 activation. C1QBP interacts with a wide range of ligands and is implicated in cell signaling. C1QBP associates with C1r and C1s in order to yield the first component of the serum complement system. C1QBP protein has been identified as the p32 subunit of pre-mRNA splicing factor SF2, as well as a hyaluronic acid-binding protein.C1QBP is a new marker of tumor cells and tumor-associated macrophages/myeloid cells in hypoxic/metabolically deprived areas of tumors.Mitochondrial C1QBP is a critical mediator of p14ARF-induced apoptosis. C1QBP functions as a chemotactic factor for immature dendritic cells, and migration is mediated through ligation of both C1QBP and cC1qR/CR.C1QBP overexpression successfully blocks mRNA accumulation from the adenovirus major late transcription unit (MLTU) and stimulates RNA polymerase II carboxy-terminal domain phosphorylation in virus-infected cells.C1QBP binds with Hepacivirus core protein on CD8+ and CD4+ positive t-cells and inactivates Ick and akt.
Product Categories/Family for C1QBP recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Complement Component

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502491
NCBI GeneID	708
NCBI Accession #	NP_001203.1
NCBI GenBank Nucleotide #	NM_001212.3
UniProt Accession #	Q07021; Q2HXR8; Q9NNY8
Molecular Weight	31,362 Da
NCBI Official Full Name	complement component 1 Q subcomponent-binding protein, mitochondrial
NCBI Official Synonym Full Names	complement component 1, q subcomponent binding protein
NCBI Official Symbol	C1QBP
NCBI Official Synonym Symbols	p32; HABP1; gC1qR; GC1QBP; SF2p32; gC1Q-R
NCBI Protein Information	complement component 1 Q subcomponent-binding protein, mitochondrial; ASF/SF2-associated protein p32; C1q globular domain-binding protein; glycoprotein gC1qBP; hyaluronan-binding protein 1; mitochondrial matrix protein p32; p33; splicing factor SF2-associated protein
UniProt Protein Name	Complement component 1 Q subcomponent-binding protein, mitochondrial
UniProt Gene Name	C1QBP
UniProt Synonym Gene Names	GC1QBP; HABP1; SF2P32; C1qBP
UniProt Entry Name	C1QBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/c1qbp-recombinant-protein-e-coli/38627>