

## Recombinant Human C1QBP, GST-tagged

Cat. No. C1QBP-10477H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human C1QBP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-282a.a.

**Description** The human complement subcomponent C1q associates with C1r and C1s in order to yield the first component of the serum complement system. The protein encoded by this gene is known to bind to the globular heads of C1q molecules and inhibit C1 activation. This protein has also been identified as the p32 subunit of pre-mRNA splicing factor SF2, as well as a hyaluronic acid-binding protein.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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

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<b>Official Symbol</b>	C1QBP
<b>Synonyms</b>	C1QBP; complement component 1, q subcomponent binding protein; HABP1; complement component 1 Q subcomponent-binding protein, mitochondrial; C1q globular domain binding protein; gC1Q R; gC1qR; hyaluronan binding protein 1; p32; SF2p32; splicing factor SF2 associated protein; p33; glycoprotein gC1qBP; hyaluronan-binding protein 1; mitochondrial matrix protein p32; C1q globular domain-binding protein; splicing factor SF2-associated protein; GC1QBP; gC1Q-R;
<b>Gene ID</b>	708
<b>mRNA Refseq</b>	NM_001212
<b>Protein Refseq</b>	NP_001203
<b>MIM</b>	601269
<b>UniProt ID</b>	Q07021
<b>Chromosome Location</b>	17p13.3
<b>Pathway</b>	Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Hemostasis, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Intrinsic Pathway, organism-specific biosystem;
<b>Function</b>	complement component C1q binding; protein binding; protein kinase C binding;

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