# **PRODUCT INFORMATION**

**Expression system** E.coli

**Domain** 74-282aa

**UniProt No.** Q07021

NCBI Accession No. NP\_001203

### **Alternative Names**

Complement C1q binding protein, Complement component 1, Q subcomponent binding protein, GC1QBP, Glycoprotein gC1Q-R, gC1qR, Mitochondrial matrix protein p32, ASF/SF2-associated protein p32, SF2p32, C1q globular domain-binding protein, Hyaluronan-binding protein 1, Splicing factor SF2-associated protein

## **PRODUCT SPECIFICATION**

### **Molecular Weight**

23.9 kDa (210aa) confirmed by MALDI-TOF

**Concentration** 1mg/ml (determined by Bradford assay)

**Formulation** Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 1mM DTT, 20% glycerol

**Purity** > 95% by SDS-PAGE

**Endotoxin level** < 1 EU per 1ug of protein (determined by LAL method)

Tag Non-Tagged

Application SDS-PAGE

#### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

## Description

p32, HABP1, gC1qR, GC1QBP, SF2p32 NCBI Accession No: NP\_001203 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. Recombinant C1QBP was expressed in E. coli and purified by conventional chromatography techniques.

#### **Amino acid Sequence**

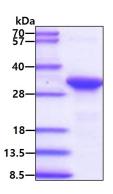
MLHTDGDKAF VDFLSDEIKE ERKIQKHKTL PKMSGGWELE LNGTEAKLVR KVAGEKITVT FNINNSIPPT FDGEEEPSQG QKVEEQEPEL TSTPNFVVEV IKNDDGKKAL VLDCHYPEDE VGQEDEAESD IFSIREVSFQ STGESEWKDT NYTLNTDSLD WALYDHLMDF LADRGVDNTF ADELVELSTA LEHQEYITFL EDLKSFVKSQ

#### **General References**

Fogal V., et al (2008) Cancer Res. 68(17):7210-8 Biswas AK., et al (2007) PLoS Pathog. 3(9):1271-80.

## DATA

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.