Recombinant human HABP1/C1QBP protein

Catalog Number: CQB0801

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-

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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

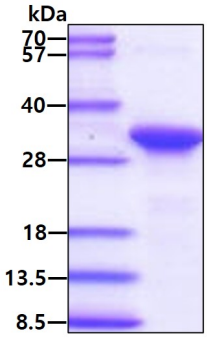
MLHTDGDKAF VDFLSDEIKE ERKIQKHKTL PKMSGGWELE LNGTEAKLVR KVAGEKITVT FNINNSIPPT FDGEEEPSQG QKVEEQEPEL TSTPNFVVEV IKNDDGKKAL VLDCHYPEDE VGQEDEAESD IFSIREVSFQ STGESEWKDT NYTLNTDSLD WALYDHLMDF LADRGVDNTF ADELVELSTA LEHQEYITFL EDLKSFVKSQ

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.