

Datasheet for ABIN7320370
C1QBP Protein (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	C1QBP
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1QBP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse C1QBP Protein (His Tag)
Sequence:	Leu 72-Gln 279
Characteristics:	A DNA sequence encoding the mature form of mouse C1QBP (NP_031599.2) (Leu 72-Gln 279) was expressed, with a polyhistide tag at the N-terminus.
Purity:	> 92 % as determined by SDS-PAGE

Target Details

Target:	C1QBP
Alternative Name:	C1QBP (C1QBP Products)
Background:	Background: Hyaluronan binding protein 1 (HABP1), also known as p32 or gC1qR, is a ubiquitously expressed multifunctional phospho-protein implicated in cell signalling. Hyaluronan-binding protein 1 (HABP1) /p32/gC1qR was characterized as a highly acidic and oligomeric protein, which binds to different ligands like hyaluronan, C1q, and mannosylated

Target Details

albumin. The role of hyaluronan binding protein 1 (HABP1) in cell signaling was investigated and in vitro. HABP1 overexpressing cells showed extensive vacuolation and reduced growth rate, which was corrected by frequent medium replenishment. Further investigation revealed that HABP1 overexpressing cells undergo apoptosis, and they failed to enter into the S-phase. The sperm surface HABP1 level can be correlated with the degree of sperm motility. Hyaluronan binding protein 1 (HABP1) was reported to be present on human sperm surface and its involvement in fertilization has already been elucidated: decreased HABP1 level may be associated with low motility of sperms, which in turn might cause infertility in the patient. HABP1 also is an endogenous substrate for MAP kinase and upon mitogenic stimulation it is translocated to the nucleus in a MAP kinase-dependent manner.

Synonym: AA407365,AA986492,D11Wsu182e,gC1qBP,HABP1,P32

Molecular Weight: 24.7 kDa

NCBI Accession: [NP_031599](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

Application Details

Restrictions: For Research Use only

Handling

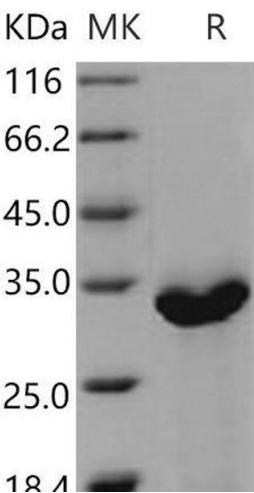
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.