

Recombinant Human C1QBP Protein (aa 74-282, His Tag)

Catalog No. PKSH033350

Note: Centrifuge before opening to ensure complete recovery of vial contents.

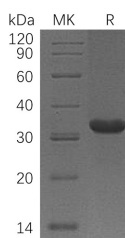
Description

Synonyms	Complement Component 1 Q Subcomponent-Binding Protein Mitochondrial;ASF/SF2-Associated Protein p32;Glycoprotein gC1qBP;C1qBP;Hyaluronan-Binding Protein 1;Mitochondrial Matrix Protein p32;gC1q-R Protein;p33;C1QBP;GC1QBP;HABP1;SF2P32;gC1qR
Species	Human
Expression Host	E.coli
Sequence	Leu74-Gln282
Accession	Q07021
Calculated Molecular Weight	24.9 kDa
Observed molecular weight	34 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 20% Glycerol, 1mM DTT, pH 7.5.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Complement Component 1Q Subcomponent-Binding Protein (C1QBP) is a nucleus protein that belongs to the MAM33 family. C1QBP is known to bind to the globular heads of C1q molecules and inhibit C1 activation. Mitochondrial C1QBP

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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.