Recombinant Human HABP1 (C-6His)

Catalog No: CF70

Description	Recombinant Human Hyaluronic Acid-binding Protein is produced by our E.coli expression system and the target gene encoding Leu74-Gln282 is expressed with a 6His tag at the C-terminus.
Source	E. coli
Alternative name	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
Accession No.	Q07021
Mol Mass	24.9kDa
AP Mol Mass	34kDa, reducing conditions.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris, 20% Glycerol, 1mM DTT, pH 7.5.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
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 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.

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