Product Name: Recombinant Human HABP1 (C-6His)
Catalog #: PEH0185

Summary

Name	C1qBP/HABP1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q07021
Host	E.coli
Species	Human
Predicted Molecular Mass	24.9 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 20% Glycerol, 1mM DTT, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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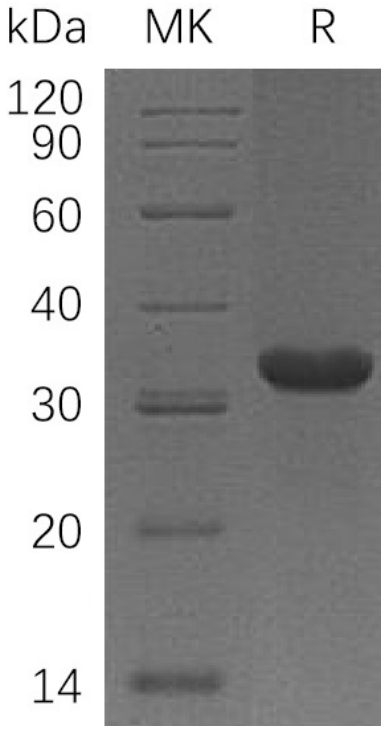

Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.