

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

**Catalog Number:** PKSH033350

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

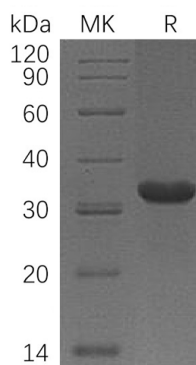
### Description

<b>Species</b>	Human
<b>Source</b>	E.coli-derived Human C1QBP protein Leu74-Gln282, with an C-terminal His
<b>Calculated MW</b>	24.9 kDa
<b>Observed MW</b>	34 kDa
<b>Accession</b>	Q07021
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	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.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 20% Glycerol, 1mM DTT, pH 7.5.

### 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 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.