

## Recombinant human CHI3L1 protein (His tag)

### Description

<b>Product name</b>	Recombinant human CHI3L1 protein (His tag)
<b>Catalog#</b>	ABT-9041
<b>Known as</b>	39 kDa synovial protein; Cartilage glycoprotein 39 (CGP-39; GP-39; hCGP-39); YKL-40
<b>Expression system</b>	HEK 293 cells
<b>Tags</b>	His tag C-terminus

### Specifications

<b>SDS-PAGE</b>	44 kDa, reducing conditions
<b>Purity</b>	>95% SDS-PAGE
<b>Form</b>	Lyophilized powder

### Stability and Storage

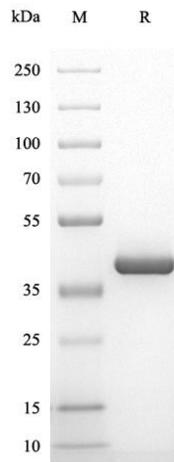
<b>Storage</b>	Store at -20 ~ -80°C, avoid repeated freeze/ thaw cycle
<b>Stability</b>	Aliquot and store at -20°C for 12 months.
<b>Constituents</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4

### General information

<b>Function</b>	Carbohydrate-binding lectin with a preference for chitin. Has no chitinase activity. May play a role in tissue remodeling and in the capacity of cells to respond to and cope with changes in their environment. Plays a role in T-helper cell type 2 (Th2) inflammatory response and IL-13-induced inflammation, regulating allergen sensitization, inflammatory cell apoptosis, dendritic cell accumulation and M2 macrophage differentiation.
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### Images

**For research use only.**



Human CH3L1 (His Tag) on SDS-PAGE under reducing condition(R). The gel was visualized by Coomassie® Blue Staining. The purity of the protein is greater than 95%.

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