

## General Information

### Gene Name Synonym

Galectin-3, Gal-3, 35 kDa Lectin, Carbohydrate-Binding Protein 35, CBP 35, Galactose-Specific Lectin 3, Galactoside-Binding Protein, GALBP, IgE-Binding Protein, L-31, Laminin-Binding Protein, Lectin L-29, Mac-2 Antigen, LGALS3, MAC2

### Protein Construction

A DNA sequence encoding the Human LGALS3/MAC2 Ala2-Ile250 is expressed.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

### Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted

samples are stable at < -20°C for 3 months.

### Formulation

Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 2mM DTT, pH 7.4.

## Usage Guide

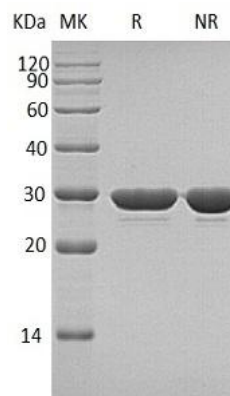
### Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

### 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 ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



Human LGALS3/MAC2 recombinant protein