

PRODUCT INFORMATION

LGALS3 **Target**

Synonyms CBP35;GAL3;GALBP;GALIG;L31;LGALS2;MAC2

Recombinant Human LGALS3 Protein with C-Description

terminal 6×His tag

Delivery In Stock **Uniprot ID** P17931 **Expression Host HEK293**

C-6×His Tag Tag

Molecular Characterization

Storage & Shipping

Background

LGALS3(Ala2-Ile250) 6×His Tag

The protein has a predicted molecular mass of **Molecular Weight**

26.9 kDa after removal of the signal peptide. The apparent molecular mass of LGALS3-His is approximately 25-35 kDa due to glycosylation. The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-

galactosides. The encoded protein is characterized by an N-terminal proline-rich

tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This

protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct

> Email: info@dimabio.com Website: www.dimabio.com

Usage Research use only

Conjugate Unconjugated

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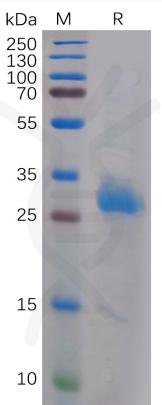


Figure 1. Human LGALS3 Protein, His Tag on SDS-PAGE under reducing condition.

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