

Recombinant Full Length Human LGALS3 Protein, C-Flag-tagged

Cat. No. LGALS3-392HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LGALS3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	26 kDa
AA Sequence	MADNFSLHDALSGSGNPNPQGWPGAWGNQPAGAGGYPGASYPGAYPGQAPPGA YPGQAPPGAYHGAPGAY PGAPAPGVYPGPPSGPGAYPSSGQPSAPGAYPATGPY

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GAPAGPLIVPYNLPLPGGVVPRMLITILGTVKP NANRIALDFQRGNDVAFHFNPRFN
ENNRVIVCNTKLDNNWGREERQSVFPFESGKPFKIQLVEPDHFK
VAVNDAHLLQYNHRVKKLNEISKLGISGDIDLTASYSYTMITRTRPLEQKLISEEDLAAN
DILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	LGALS3 galectin 3 [Homo sapiens (human)]
Official Symbol	LGALS3
Synonyms	L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2
Gene ID	3958

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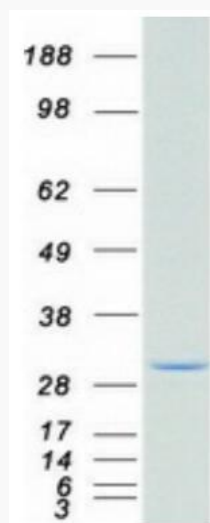
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mRNA Refseq [NM_002306.4](#)

Protein Refseq [NP_002297.2](#)

MIM [153619](#)

UniProt ID [P17931](#)



Coomassie blue staining of purified LGALS3 protein.

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