

# Recombinant Human LGALS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** LGALS2-3681H **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | LGALS2 MS Standard C13 and N15-labeled recombinant protein (NP_006489) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | The protein encoded by this gene is a soluble beta-galactoside binding lectin. The encoded protein is found as a homodimer and can bind to lymphotoxin-alpha. A single nucleotide polymorphism in an intron of this gene can alter the transcriptional level of the protein, with a resultant increased risk of myocardial infarction. |
| <b>Molecular Mass</b>   | 14.6 kDa                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MTGELEVKNMDMKPGSTLKITGSIADGTDG FVINLGQGTDKLNLFNPRFSESTIVC<br>NSLDGSNWGQEQRDHLCSFGSEVKFTVTTFESDKFKVKLPDGHELTSFPNRLGHS<br>HLSYLSVRGGFNMSSFKLKETRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                            |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                            |

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**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** LGALS2 galectin 2 [ Homo sapiens (human) ]

**Official Symbol** LGALS2

**Synonyms** LGALS2; lectin, galactoside-binding, soluble, 2; galectin-2; galectin 2; HL14; gal-2; S-Lac lectin 2; lactose-binding lectin 2; beta-galactoside-binding lectin L-14-II; MGC75071;

**Gene ID** 3957

**mRNA Refseq** NM\_006498

**Protein Refseq** NP\_006489

**MIM** 150571

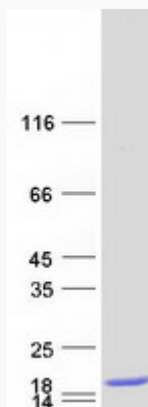
**UniProt ID** P05162

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## SDS-PAGE



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