

# Recombinant Human LGALS14 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** LGALS14-3865H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | LGALS14 MS Standard C13 and N15-labeled recombinant protein (NP_064514) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene is predominantly expressed in placenta. The encoded protein belongs to the galectin (galaptin/S-lectin) family. The members of galectin family contain one or two carbohydrate recognition domains, which can bind beta-galactoside. Two alternatively spliced transcript variants encoding distinct isoforms have been observed. |
| <b>Molecular Mass</b>   | 16.1 kDa                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MSSLPVPYTLPVSLPVGSCVIITGTPILTFVKDPQLEVN FYTGMDSDIAFQFRLHFG<br>HPAIMNSRVFGIWRYEEKCYL PFEDGKPFELCIYVRHKEYKVMVNGQRIYNFAHRF<br>PPASVKMLQVLRDISLTRVLISDTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                           |
| <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.                                                                                                                                                                                                                                                  |

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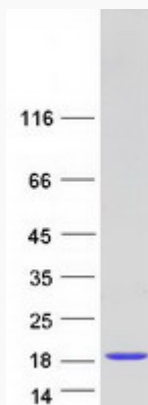
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|                         |                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                    |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                                  |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                |
| <b>Gene Name</b>        | LGALS14 galectin 14 [ Homo sapiens (human) ]                                                                                                                                                   |
| <b>Official Symbol</b>  | LGALS14                                                                                                                                                                                        |
| <b>Synonyms</b>         | LGALS14; lectin, galactoside-binding, soluble, 14; placental protein 13-like; CLC2; PPL13; gal-14; galectin-14; Charcot-Leyden crystal protein 2; placental protein 13-like protein; MGC22235; |
| <b>Gene ID</b>          | 56891                                                                                                                                                                                          |
| <b>mRNA Refseq</b>      | NM_020129                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_064514                                                                                                                                                                                      |
| <b>MIM</b>              | 607260                                                                                                                                                                                         |
| <b>UniProt ID</b>       | Q8TCE9                                                                                                                                                                                         |

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**SDS-PAGE**

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