# Product datasheet for PH309738

## Galectin 13 (LGALS13) (NM_013268) Human Mass Spec Standard

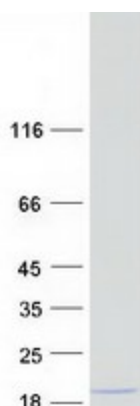## Product data:

| | |
|---|---|
| **Product Type:** | Mass Spec Standards |
| **Description:** | LGALS13 MS Standard C13 and N15-labeled recombinant protein (NP_037400) |
| **Species:** | Human |
| **Expression Host:** | HEK293 |
| **Expression cDNA Clone or AA Sequence:** | RC209738 |
| **Predicted MW:** | 16.1 kDa |
| **Protein Sequence:** | >RC209738 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MSSLPVPYKLPVSLSVGSCVIIKGTPIHSFINDPQLQVDFYTDMDEDSDIAFRFRVHFGNHVVMNRREFG<br>IWMLEETTDYVPFEDGKQFELCIYVHYNEYEIKVNGIRIYGFVHRIPPSFVKMVQVSRDISLTSVCVCN<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-Myc/DDK |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Labeling Method:** | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine |
| **Buffer:** | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| **Storage:** | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| **Stability:** | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| **RefSeq:** | NP_037400 |
| **RefSeq Size:** | 610 |
| **RefSeq ORF:** | 417 |
| **Synonyms:** | GAL13; PLAC8; PP13 |
| **Locus ID:** | 29124 |
| **UniProt ID:** | Q9UHV8 |
| **Cytogenetics:** | 19q13.2 |

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**Summary:** Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene has lysophospholipase activity. It is composed of two identical subunits which are held together by disulfide bonds. This protein has structural similarity to several members of the beta-galactoside-binding S-type lectin family. [provided by RefSeq, Jul 2008]

## Product images:



Coomassie blue staining of purified LGALS13 protein (Cat# [TP309738]). The protein was produced from HEK293T cells transfected with LGALS13 cDNA clone (Cat# [RC209738]) using MegaTran 2.0 (Cat# [TT210002]).