

Product datasheet for PH319435

galectin 9 (LGALS9) (NM_009587) Human Mass Spec Standard

Product data:

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|---------------------------------------|--|
| Product Type: | Mass Spec Standards |
| Description: | LGALS9 MS Standard C13 and N15-labeled recombinant protein (NP_033665) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC219435 |
| Predicted MW: | 39.3 kDa |
| Protein Sequence: | >RC219435 representing NM_009587 Red=Cloning site Green=Tags(s) MAFSGSQAPYLSPAVPFSGTIQGLQDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAFHFNPRFEDGG YVVCNTRQNGSWGPEERKTHMPFQKGMFDFLCFLVQSSDFKVMVNGILFVQYFHRVPFHRVDTISVNGSV QLSYISFQNPRTVPVQPAFSTVPFSQPVCFPFRPRRRQKPPGVWPANPAPITQTVIHTVQSAPQMFS PAIPPMYPHPAYMPFITITLGGLYPSKSIILSGTVLPSAQRFHINLCSGNHIAFHNLNPRFDENAVVRN TQIDNSWGSEERSLPRKMPFVRGQSFVWILCEAHCLKVAVDGQHLFEYYHRLRNLPTINRLEVGGDIQL THVQT 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_033665 |
| RefSeq Size: | 1696 |
| RefSeq ORF: | 1065 |
| Synonyms: | HUAT; LGALS9A |
| Locus ID: | 3965 |



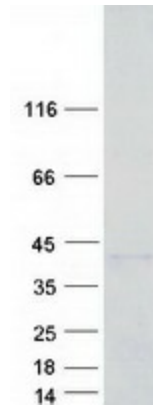
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UniProt ID: [O00182](#), [A0A024QZ55](#)

Cytogenetics: 17q11.2

Summary: The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The protein encoded by this gene is an S-type lectin. It is overexpressed in Hodgkin's disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified LGALS9 protein (Cat# [TP319435]). The protein was produced from HEK293T cells transfected with LGALS9 cDNA clone (Cat# [RC219435]) using MegaTran 2.0 (Cat# [TT210002]).