

Product datasheet for **TP319435M**

galectin 9 (LGALS9) (NM_009587) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens lectin, galactoside-binding, soluble, 9 (LGALS9), transcript variant 1, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC219435 representing NM_009587 Red =Cloning site Green =Tags(s) |

MAFSGSQAPYLSPAVPFSGTIQGGQLDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAHFHNPRFEDGG
YVVCNTRQNGSWGPEERKTHMPFQKGMFDFLCFLVQSSDFKVMVNGILFVQYFHRVPFHRVDTISVNGSV
QLSYISFQNPRTPVQPAFSTVPFSQPVCFPFRPRGRRQKPPGVWPANPAPITQTVIHTVQSAPGQMFST
PAIPPMYPHPAYPMPFITLGLYPSKILLSGTVLPSAQRFHINLCSGNHIAFHNLNPRFDENAVVRN
TQIDNSWGSEERSLPRKMPFVRGQSFVWILCEAHCLKVAVDGQHLEFYHRLRNLPINRLEVGGDIQL
THVQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 39.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_033665 |

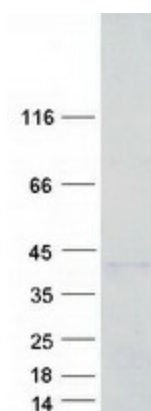


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| | |
|---------------|---|
| Locus ID: | 3965 |
| UniProt ID: | O00182 , A0A024QZ55 |
| RefSeq Size: | 1696 |
| Cytogenetics: | 17q11.2 |
| RefSeq ORF: | 1065 |
| Synonyms: | HUAT; LGALS9A |

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]).