

Product datasheet for PH304674

Galectin 1 (LGALS1) (NM_002305) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LGALS1 MS Standard C13 and N15-labeled recombinant protein (NP_002296)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204674
Predicted MW:	14.7 kDa
Protein Sequence:	>RC204674 protein sequence Red=Cloning site Green=Tags(s) MACGLVASNLNLKPGDECLRVRGEVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHG DANTIVCNSKDGGAWG TEQREAVFPFQPGSVAEVCITFDQANLTVKLPDGYEFKFPNRLNLEAINYMAADGDFKIKCVAFD 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:	<u>NP_002296</u>
RefSeq Size:	586
RefSeq ORF:	405
Synonyms:	GAL1; GBP
Locus ID:	3956
UniProt ID:	<u>P09382</u> , <u>A0A384MR27</u>
Cytogenetics:	22q13.1

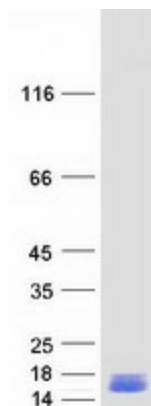


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Summary: The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified LGALS1 protein (Cat# [TP304674]). The protein was produced from HEK293T cells transfected with LGALS1 cDNA clone (Cat# [RC204674]) using MegaTran 2.0 (Cat# [TT210002]).