

Product datasheet for PH310750

galectin 9 (LGALS9) (NM_002308) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LGALS9 MS Standard C13 and N15-labeled recombinant protein (NP_002299)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210750
Predicted MW:	35.9 kDa
Protein Sequence:	>RC210750 protein sequence Red=Cloning site Green=Tags(s)

MAFSGSQAPYLSPAVPFSGTIQGGQLDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAFHFNPRFEDGG
YVVCNTRQNGSWGPEERKTHMPFQKGMFDFLCFLVQSSDFKVMVNGILFVQYFHRVPFHRVDTISVNGSV
QLSYISFQPPGVWPANPAPITQTVIHTVQSAPGQMFSTPAIPPMYHPAYPMPFITILGGLYPSKSIL
LSGTVLPQAQRFHINLCSGNHIAFHLNPRFDENAVVRNTQIDNSWGSEERSLPRKMPFVRGQSFVWILC
EAHCLKVAVDGQHLFEYYHRLRNLPTINRLEVGGDIQLTHVQT

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:	<u>NP_002299</u>
RefSeq Size:	1739
RefSeq ORF:	969
Synonyms:	HUAT; LGALS9A
Locus ID:	3965



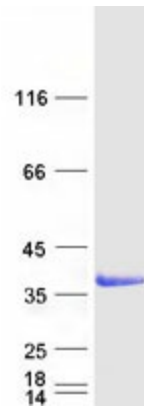
[View online »](#)

UniProt ID: [O00182](#), [A0A024QZ02](#)

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# [TP310750]). The protein was produced from HEK293T cells transfected with LGALS9 cDNA clone (Cat# [RC210750]) using MegaTran 2.0 (Cat# [TT210002]).