

Product datasheet for PH309569

Galectin 7 (LGALS7B) (NM_001042507) Human Mass Spec Standard

Product data:

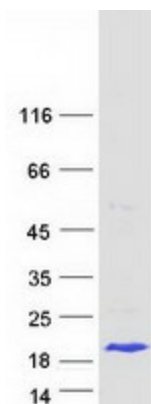
Product Type:	Mass Spec Standards
Description:	LGALS7B MS Standard C13 and N15-labeled recombinant protein (NP_001035972)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209569
Predicted MW:	15.1 kDa
Protein Sequence:	>RC209569 protein sequence Red=Cloning site Green=Tags(s) MSNVPHKSSLPEGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGSDAALHFNPRLDTSEVVFNSKEQGSW GREERGPVFPQRGQPFVLIASDDGFKAVVGDAQYHFRHRLPLARVRLVEVGGDVQLDSVRIF 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_001035972
RefSeq Size:	506
RefSeq ORF:	408
Synonyms:	Gal-7; GAL7; HKL-14; LGALS7; PI7
Locus ID:	653499
UniProt ID:	P47929
Cytogenetics:	19q13.2



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Summary:

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is specifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplicate copy of this gene (GeneID:3963) is found adjacent to, but on the opposite strand on chromosome 19. [provided by RefSeq, Jul 2008]

Product images:

Coomassie blue staining of purified LGALS7B protein (Cat# [TP309569]). The protein was produced from HEK293T cells transfected with LGALS7B cDNA clone (Cat# [RC209569]) using MegaTran 2.0 (Cat# [TT210002]).