

## Product datasheet for PH320163

### Galectin 8 (LGALS8) (NM\_201543) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	LGALS8 MS Standard C13 and N15-labeled recombinant protein (NP_963837)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220163
Predicted MW:	35.7 kDa
Protein Sequence:	>RC220163 protein sequence Red=Cloning site Green=Tags(s)

MLSLNNLQNIYNPVIFPVGTIPDQLDPGTLIVIRGHVPSDADRFQVDLQNGSSMKPRADVAHFNPRFK  
RAGCIVCNTLINEKWGREEITYDTPFKREKSFEIVIMVLKDKFQVAVNGKHTLLYGHRIQPEKIDTLGIY  
GKVINIHSIGFSFSSDLQSTQASSLELLEISRENVPKSGTPQLRPLFAARLNTPMGPGRTVVVKGEVNANA  
KSFNVDLLAGKSKDIALHLNPRLNIAKAFVRNSFLQESWGEEERNITSFPFSPGMVFEMIIYCDVREFKVA  
VNGVHSLEYKHRFKELSSIDTLEINGDIHLLLEVRWS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_963837</a>
RefSeq Size:	6155
RefSeq ORF:	948
Synonyms:	Gal-8; PCTA-1; PCTA1; Po66-CBP
Locus ID:	3964



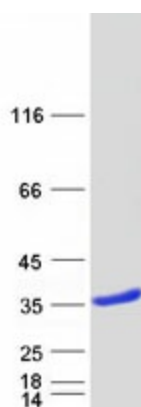
[View online »](#)

UniProt ID: [O00214](#)

Cytogenetics: 1q43

**Summary:** This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified LGALS8 protein (Cat# [TP320163]). The protein was produced from HEK293T cells transfected with LGALS8 cDNA clone (Cat# [RC220163]) using MegaTran 2.0 (Cat# [TT210002]).