Recombinant Human LGALS8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LGALS8-4389H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LGALS8 MS Standard C13 and N15-labeled recombinant protein (NP_006490) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	40.2 kDa
AA Sequence	MMLSLNNLQNIIYNPVIPFVGTIPDQLDPGTLIVIRGHVPSDADRFQVDLQNGSSMKP RADVAFHFNPRFKRAGCIVCNTLINEKWGREEITYDTPFKREKSFEIVIMVLKDKFQV AVNGKHTLLYGHRIGPEKIDTLGIYGKVNIHSIGFSFSSDLQSTQASSLELTEISRENV PKSGTPQLPSNRGGDISKIAPRTVYTKSKDSTVNHTLTCTKIPPMNYVSKRLPFAARL NTPMGPGRTVVVKGEVNANAKSFNVDLLAGKSKDIALHLNPRLNIKAFVRNSFLQES WGEEERNITSFPFSPGMYFEMIIYCDVREFKVAVNGVHSLEYKHRFKELSSIDTLEIN

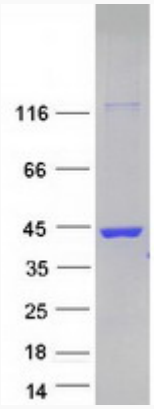
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	GDIHLLEVRSWTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	LGALS8 galectin 8 [Homo sapiens (human)]
Official Symbol	LGALS8
Synonyms	LGALS8; lectin, galactoside-binding, soluble, 8; galectin-8; galectin 8; PCTA 1; galectin-8g; Po66 carbohydrate binding protein; po66 carbohydrate-binding protein; prostate carcinoma tumor antigen 1; Gal-8; PCTA1; PCTA-1; Po66-CBP;
Gene ID	3964
mRNA Refseq	NM_006499
Protein Refseq	NP_006490
MIM	606099

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UniProt ID	O00214
SDS-PAGE	

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