Recombinant Human LGALS7B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LGALS7B-4976H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LGALS7B MS Standard C13 and N15-labeled recombinant protein (NP_001035972) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	15.1 kDa
AA Sequence	MSNVPHKSSLPEGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGSDAALHFNPRLDT SEVVFNSKEQGSWGREERGPGVPFQRGQPFEVLIIASDDGFKAVVGDAQYHHFRH RLPLARVRLVEVGGDVQLDSVRIFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

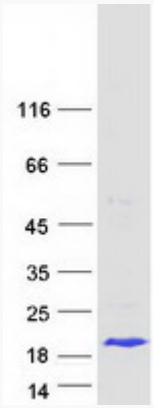
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	LGALS7B galectin 7B [Homo sapiens (human)]
Official Symbol	LGALS7B
Synonyms	LGALS7B; lectin, galactoside-binding, soluble, 7B; galectin-7; GAL7; galectin 7B; galectin-7B; p53-induced protein 1; keratinocyte lectin 14; p53-induced gene 1 protein; lectin galactoside-binding soluble 7; PI7; Gal-7; HKL-14; LGALS7; MGC75149; MGC88745;
Gene ID	653499
mRNA Refseq	NM_001042507
Protein Refseq	NP_001035972
MIM	617139
UniProt ID	P47929

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SDS-PAGE	

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