Recombinant Human LGALS1, GST-tagged

Cat. No. LGALS1-13121H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-135a.a.
Description	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	LGALS1 lectin, galactoside-binding, soluble, 1 [Homo sapiens]
Official Symbol	LGALS1

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Synonyms	LGALS1; lectin, galactoside-binding, soluble, 1; galectin-1; galectin 1; GBP; HBL; HPL; gal-1; HLBP14; galaptin; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; 14 kDa laminin-binding protein; putative MAPK-activating protein PM12; beta-galactoside-binding lectin L-14-I; beta-galactoside-binding protein 14kDa; GAL1; DKFZp686E23103;
Gene ID	3956
mRNA Refseq	NM_002305
Protein Refseq	NP_002296
MIM	150570
UniProt ID	P09382
Chromosome Location	22q13.1
Pathway	Validated targets of C-MYC transcriptional repression, organism-specific biosystem;
Function	galactoside binding; glycoprotein binding; lactose binding; laminin binding; protein homodimerization activity; signal transducer activity; sugar binding;

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