

Recombinant Human LGALSL, His-tagged

Cat. No. LGALSL-7537H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LGALSL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-172aa
Antigen Description	Galectin-related protein, also known as LGALSL, is a 172 amino acid protein that contains one galectin domain. Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and also play a role in tumor progression, pre-mRNA splicing and apoptosis. However, LGALSL does not appear to bind carbohydrates or lactose because the critical residues required for binding are not conserved.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	21.4 kDa (195aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAGSVAD SDAVVKLDDG HLNNSLSSPV QADVYFPRLI VPFCGHIKGG MRPGKKVLVM GIVDLNPESF AISLTCGDSE DPPADVAIEL KAVFTDRQLL RNCSISGERG EEQSAIPYFP FIPDQPFRVE ILCEHPRFRV FVDGHLQFDF YHRIQTLQSAI DTIKINGDLQ ITKLG

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Purity	>90% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	LGALSL?lectin, galactoside-binding-like [?Homo sapiens?]
Official Symbol	LGALSL
Synonyms	LGALSL; GRP; HSPC159; galectin-related protein; lectin galactoside-binding-like protein; lectin, galactoside-binding-like
Gene ID	29094
mRNA Refseq	NM_014181
Protein Refseq	NP_054900
UniProt ID	Q3ZCW2
Chromosome Location	2p14
Function	carbohydrate binding

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