Recombinant Human LGALS2, His-tagged

Cat. No. LGALS2-2781H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Galectin 2 protein (1-132aa), 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	1-132 a.a.
Description	LGALS2, also known as galectin2, is a soluble beta-galactoside binding lectin that modulates cell-to-cell adhesion and cell-to-extracellular matrix interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. This protein induces apoptosis in activated T cells and binds to the cytokine lymphotoxin-alpha (LTA) with possible implications in risk of myocardial infarction.
Sequences	MGSSHHHHHH SSGLVPRGSH MTGELEVKNM DMKPGSTLKI TGSIADGTDG FVINLGQGTD KLNLHFNPRF SESTIVCNSL DGSNWGQEQR EDHLCFSPGS EVKFTVTFES DKFKVKLPDG HELTFPNRLG HSHLSYLSVR GGFNMSSFKL KE.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M Nacl, 1mM DTT, 10% glycerol.
Molecular Weight	16.8 kDa (152aa), confirmed by MALDI-TOF.

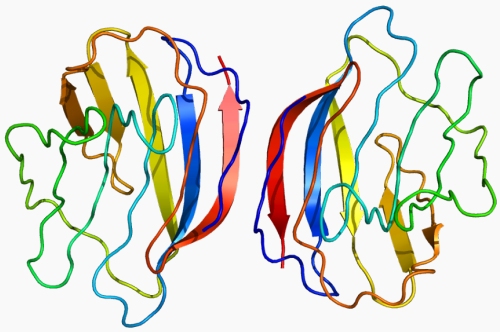
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95% by SDS – PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
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.

GENE INFORMATION

Gene Name	LGALS2 lectin, galactoside-binding, soluble, 2 [Homo sapiens]
Synonyms	LGALS2; lectin, galactoside-binding, soluble, 2; HL14; MGC75071; galectin-2; gal-2; galectin 2; S-Lac lectin 2; lactose-binding lectin 2; beta-galactoside-binding lectin L-14-II
Gene ID	3957
mRNA Refseq	NM_006498
Protein Refseq	NP_006489
MIM	150571
UniProt ID	P05162
Chromosome Location	22q12-q13; 22q13.1

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PDB rendering based on 1hlc.	

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