

Product information



LGALS2, 1-132 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0680

Full Name: Galectin2,

NCBI Accession No.: NP_006489

Synonyms: HL14, Gal-2, Beta-galactoside-binding lectin L-14-II, Lactose-binding lectin 2, S-Lac lectin 2

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. Recombinant human Galectin 2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 1mM DTT, 10% glycerol</p> <p>Molecular Weight: 16.8 kDa (152aa), confirmed by MALDI-TOF</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p>	<p>(kDa) 40 28 18 13.5 8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHH</u> <u>SSGLVPRGSH</u> MTGELEVKNM DMKPGSTLKI TGSIADGTDG FVINLQGQTD KLNLFNPRF SESTIVCNLS DGSNWGQEQR EDHLCFSPGS EVKFTVTFES DKFKVKLPDG HELTFPNRLG HSHLSYLSVR GGFNMSSFKL KE</p>	

General references:

Loser K., *et al.* (2009) *J Immunol.* 182(9):5419-29.

Ozaki K., *et al.* (2009) *Nat Genet.* 41(3):329-33.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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.

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