

LGALS2, 1-132aa, Human, His tag, E.coli

Cat.NO.: TP02811

3th Edition

Synonyms:Galectin2,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.

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMTGEEVKNMDMKPGSTLKITGSIADGTDGDFVINLGQGTDKLNLHFNPRFSESTIV
CNSLDGSNWGQEQRDHLDFSPGSEVKFTVTFESDKFKVKLPDGHELTFPNRLGHSHLSYLSVRGGFNMSSFKLK
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Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.