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Lgals2, 1-130aa, Mouse, His tag, E.coli

产品货号: TP02809

第三版

别名: Galectin 2, 2200008F12Rik, AI324147

描述: Galectin 2, also known as Lgals2, belongs to the galectins family. Galectins are a family of soluble beta-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. Lgals2 is a monomeric or homodimeric prototype galectin that is expressed in hepatoma, stomach epithelial cells and in colorectal and neural tumors. It induces apoptosis in activated T cells and binds to the cytokine lymphotoxin-a (LTA) with possible implications in risk of myocardial infarction. Human and mouse Lgals2 share approximately 65% amino acid sequence similarity. Recombinant Mouse Lgals2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量: 17.3 kDa (153aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMSEKFEVKDLNMKPGMSLKIKGKIHNDVDRFLINLGQGKETLNLHFNPRFDESTIV
CNTSEGGRWGQEQRENHMCFSPGSEVKITITFQDKDFKVTLPDGHQLTFPNRLGHNQLHYLSMGGLQISSFKLE

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.