

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

LGALS3, 1-264aa, Mouse, His tag, E.coli (Bioactivity Validated)

产品货号: TP02813

第三版

别名:Lectin, galactose binding, soluble 3, CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2.

描述:LGALS3, also known as galectin 3, is a member of the family of animal lectins, which selectively binds beta-galactoside residues. This protein is secreted from cells by ectocytosis, which is independent of the classical secretory pathway through the endoplasmic reticulum/Golgi network. LGALS3 has been associated with the inhibition of apoptosis and the progression of cancer. It is normally distributed in epithelia of many organs, in various inflammatory cells, including macrophages, as well as dendritic cells and Kupffer cells. The expression of this lectin is up-regulated during inflammation, cell proliferation, cell differentiation and through trans-activation by viral proteins. Recombinant mouse LGALS3 protein, used 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 0.15M NaCl, 50% glycerol, 1mM DTT, 2mM EDTA

分子量:29.8 kDa (287aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMADSFSLNDALAGSGNPNPQGYPGAWGNQPGAGGYPGAAYPGAYPGQAPPGAY
PGQAPPGAYPGQAPPSAYPGPTAPGAYPGPTAPGAYPGSTAPGAFPGQPGAPGAYPSAPGGYPAAGPYGVPAGPLTVPYD
LPLGGVMPRMLITIMGTVKPNANRIVLDFRRGNDVAFHFNPRFNENRRVIVCNTKQDNNWGKEERQSAFPFESGKPF
KIQVLVEADHFKVAVNDAHLLQYNHRMKNLREISQLGISGDITLTSANHAMI

纯度:> 95% by HPLC

浓度:0.5 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.