

Galectin-4/LGALS4/GAL4/L36LBP, Human, Recombinant

货号 : PCK299

产品信息

别名 LGALS4, GAL4, L36LBP

物种 Human

表达宿主 E.coli

序列信息 AYVPAPGYQPTYNPTLPYYQPIPGGLNVGMSVYIQGVASEHMKRFFVNFV
VGQDPGSDVAFHFNPRFDGWKVVFNLTQGGKVGSEERKRSMPPFKKGA
FELVFIVLAEHYKVVVNGNPFYEYGHRLPLQMVTHLQVDGDLQLQSINFIG
GQPLRPQGPPMPPYPGPGHCHQQLNSLPTMEGPPTFNPPVPYFGRLQGG
LTARRTIIKGYVPPTGKSFAINFKVGSSGDIALHINPRMGNGTVVRNSL

检索号 P56470.1

分子量 36.8 kDa

标签 His-tag at the N-terminus

生物活性 Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is <8 µg/mL.

产品特性

纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. Galectin-4 is a protein that in humans is encoded by the LGALS4 gene. LGALS4 is an S-type lectin that is strongly underexpressed in colorectal cancer.

SDS-PAGE

