

**Galectin-4/LGALS4/GAL4/L36LBP, Human, Recombinant****Cat. No. : GPCK299****产品信息**

物种	Human
表达宿主	E.coli
序列信息	AYVPAPGYQPTYNPTLPYYQPIPGGLNVGMSVYIQGVASEHMKRFFVNFVVGQDPGSDVAFH FNPRFDGWDKVVFNLTQGGKWGSEERKRSMPFKKGAAFELVFIVLAEHYKVVVNGNPFYEYG HRLPLQMVTHLQVDGDLQLQSINFIGGQPLRPQGPPMPPYPGPGHCHQQLNSLPTMEGPP TFNPPVPYFGRLQGGLTARRTIIKGYVPPTGKSFAINFKVGSSGDIALHINPRMGNGTVVRNS LLNGSWGSEEKITHNPFPGPGQFFDLSIRCGLDRFKVYANGQHLLFDFAHRLSAFQRVDTLEIQ GDVTLSSVYQI with polyhistidine tag at the N-terminus.
检索号	P56470.1
标签	His-tag at the N-terminus
分子量	36.8 kDa
有效期	12 months
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**

内毒素 (EU/µg)	< 0.1
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 1 × PBS, pH 7.4.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/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.

