

Galectin-2/LGALS2/HL14, Human, Recombinant

货号 : PCK298

产品信息

别名	LGALS2, HL14
物种	Human
表达宿主	E.coli
序列信息	TGELEVKNMDMKPGSTLKITGSIADGTDGDFVINLGQGTDKLNLHFNPRFSE STIVCNSLDGSNWGQEQRDHLDFSPGSEVKFTVTFESDKFKVKLPDGHEL TFPNRLGHSYLSYLSVRGGFNSSFKLKE with polyhistidine tag at the N-terminus.
检索号	P05162.3
分子量	15.5 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 <20 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

Galectin2, is a soluble beta-galactoside binding lectin. This protein induces apoptosis in activated T cells and binds to the cytokine lymphotoxin-alpha (LTA) with possible implications in risk of myocardial infarction. Galetin-2 also modulates cell-to-cell adhesion and cell-to-extracellular matrix interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis.

SDS-PAGE

