

Galectin-3/LGALS3, Human, Recombinant

货号：PCK286

产品信息

别名	IgE-binding protein, MAC2, L-29, CPB-35
物种	Human
表达宿主	E.coli
序列信息	ADNFSLHDALSGSGNPNPQGWPGAWGNQPAGAGGYPGASYPGAYPGQAP PGAYPGQAPPGAYPGAPGAYPGAPAPGVYPGPPSGPGAYPSSGQPSATGA YPATGPYGAAGPLIVPYNLPLPGGVVPRMLITILGTVKPNANRIALDFQRG NDVAFHFNPRFNENRRVIVCNTKLDNNWGREERQSVFPFESGKPFKIQVL VEPDHFKVAVNDAHLLQYNHRVKKLNEISKLGISGDIDLTSASYTMI
检索号	P17931.5
分子量	27 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	>95% 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

Galectin-3 is a protein that in humans is encoded by the LGALS3 gene. Galectin-3 is a member of the lectin family, of which 14 mammalian galectins have been identified. This protein has been shown to be involved in the following biological processes: cell adhesion, cell activation and chemoattraction, cell growth and differentiation, cell cycle, and apoptosis. Besides, Galectin-3 associates with the primary cilium and modulates renal cyst growth in congenital polycystic kidney disease.

SDS-PAGE

