产品名称：Recombinant Human LGALS1 (C-6His)
产品货号：PEH0701

概述（Summary）

英文全称	Galectin-1/LGALS1
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Galectin-1 is produced by our E.coli expression system and the target gene encoding Ala2-Asp135 is expressed with a 6His tag at the C-terminus.
Accession #	P09382
表达宿主（Host）	E.coli
种属（Species）	Human
预测分子量（Predicted MW）	15.78 KDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Citrate, 8% Trehalose, 4% Mannitol, 50mM NaCl, 1mM TCEP, 0.05% Tween 80, pH 4.0.
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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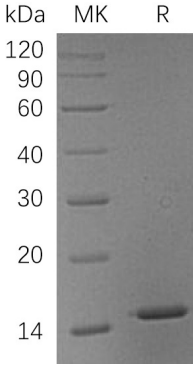

背景（Background）

分子别名（Alternative Names）

Galectin-1; Gal-1; 14 kDa Laminin-Binding Protein; HLBP14; 14 kDa Lectin; Beta-Galactoside-Binding Lectin L-14-I; Galaptin; HBL; HPL; Lactose-Binding Lectin 1; Lectin Galactoside-Binding Soluble 1; Putative MAPK-Activating Protein PM12; S-Lac Lectin 1; LGALS1

背景介绍（References）

Galectin-1 is a member of growing family of evolutionary conserved animal lectins. Galectin-1 is widely expressed in many cells and tissues. Galectins consists of a Galectin domain and two Beta-galactoside binding domains. Galectin-1 can binds LGALS3BP and interacts with CD2, CD3, CD4, CD7, CD43 and CD45. Galectin-1 may act as an autocrine negative growth factor which regulates apoptosis, cell proliferation and cell differentiation. In addition, Galectin-1 plays improtant roles in immunosuppressive and antiinflammatory properties.

注意事项（Note）

For research use only .