

Recombinant Human Galectin-3

编号:	PY2181	规格:	5 µg
			20 µg
			100 µg
			500 µg
			1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

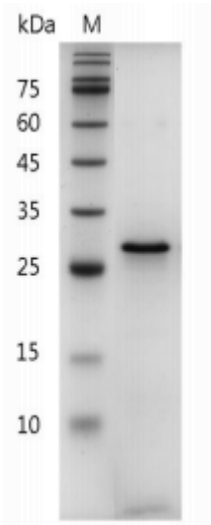
描述: Galectin-3 is a protein that in humans is encoded by the LGALS3 gene. Galectin-3 is a member of the lectin family, of which 14 mammalian galectins have been identified. This protein has been shown to be involved in the following biological processes: cell adhesion, cell activation and chemoattraction, 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.

来源: *Escherichia coli*
纯度: > 95% as determined by SDS-PAGE. Ni- NTA chromatography.

生物学活性: Measured by its ability to chemoattract human PBMC using a concentration range of 2.5-25 µg/mL. Note: Results may vary from different PBMC donors.

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

蛋白序列: ADNFSLHDALSGSGNPNPQGWPQA
WGNQPAGAGGYPGASYPGAYPGQA
PPGAYPGQAPPGAYPGAPGAYPGAP
APGVYPGPPSGPGAYPSSGQPSATGA
YPATGPYGAPAGPLIVPYNLPLPGGVV
PRMLITILGTVKPNANRIALDFQGRN
DVAHFHFNPRFNENRRVIVCNTKLD
NNWGREERQSVFPFESGKPFKIQVLV
EPDHFKVAVNDAHLLQYNHRVKKLN



SDS- PAGE analysis of recombinant human Galectin- 3

EISKLGISGDIDLTSAASYTMI with
polyhistidine tag at the N-terminus

产品组成

成分：从含有 1X PBS, pH 7.4 溶液中冻干的
蛋白质.

产品储存运输

产品形式	储存温度	储存时间
冻干粉	-20°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	3到6个月

运输方式：蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100 μ g/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2-8°C无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1%BSA、10%FBS或5%HSA）的溶液进一步稀释（不低于10 μ g/mL）后分装保存，-20°C至-80°C无菌保存3到6个月。无血清实验需求时，可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB = Western Blot; IP = Immunoprecipitation; IF = Immunofluorescence; IHC = Immunohistochemistry;
FACS = Fluorescence activated Cell Sorting; FA = Functional Assay