

Recombinant Human Galectin- 1

编号: PY2174

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

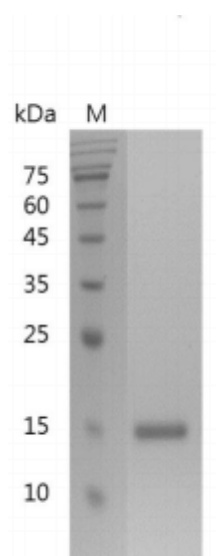
描述: The galectin-1 protein is 135 amino acids in length and highly conserved across species. It can be found in the nucleus, the cytoplasm, the cell surface and in the extracellular space. Galectins, in general, lack a traditional signal sequence but are still secreted across the plasma membrane. Although galectins in general, and Gal-1 in particular, were first described as lectins that bind β -galactosides, it is now clear from the literature that as well as being a lectin, Gal-1 is also engaged in many protein-protein interactions. Gal-1 plays a number of crucial roles in neuronal cell differentiation and survival in both the central and the peripheral nervous systems, and the establishment and maintenance of T-cell tolerance and homeostasis in vivo.

来源: *Escherichia coli*

纯度: > 98% as determined by SDS-PAGE. Ni-NTA chromatography.

生物学活性: Measured by its ability to agglutinate human red blood cells. The ED_{50} for this effect is < 2 µg/mL.

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



SDS-PAGE analysis of recombinant human Galectin- 1

蛋白序列：ACGLVASNLNLKPGECLRVRGEVAPD
AKSFVLNLGKDSNNLCLHFNPRFNA
HGDANTIVCNSKDGGAWGTEQREA
VFPFQPGSVAEVCITFDQANLTVKLPD
GYEFKFPNRLNLEAINYMAADGDFKI
KCVAFD 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℃至-80℃	自收到之日起1年
重悬液（初始）	2℃至8℃	不超过1周
重悬液（经稀释）	-20℃至-80℃	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100μg /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℃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10ug/mL ）后分装保存， -20℃至 -80℃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