

# Recombinant Human Galectin-4

|     |                                                                       |     |                                           |
|-----|-----------------------------------------------------------------------|-----|-------------------------------------------|
| 编号: | CM151-5HP<br>CM151-20HP<br>CM151-100HP<br>CM151-500HP<br>CM151-1000HP | 规格: | 5 µg<br>20 µg<br>100 µg<br>500 µg<br>1 mg |
| 类别: | 重组蛋白                                                                  | 应用: | Functional Assay                          |

## 产品简介

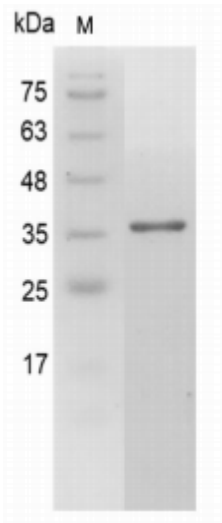
**描述:** The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. Galectin-4 is a protein that in humans is encoded by the LGALS4 gene. LGALS4 is an S-type lectin that is strongly underexpressed in colorectal cancer.

**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<sub>50</sub> for this effect is < 8 µg/mL.

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

**蛋白序列:**  
AYVPAPGYQPTYNPTLPYYQPIPGGL  
NVGMSVYIQGVASEHMKRFFVNFVV  
GQDPGSDVAFHFNPRFDGWDKVVF  
NTLQGGKKGSEERKRSMPPFKKGA  
ELVFIVLAEHYKVVVNGNPFYEYGHRL  
PLQMVTHLQVDGDLQLQSINFIGGQ  
PLRPQGPPMPPYPGPGHCHQQLN  
SLPTMEGPPTFNPPVPYFGRLQGGLT  
ARRTIIKGYVPPTGKSFAINFKVGSSG



SDS- PAGE analysis of recombinant human Galectin-4

DIALHINPRMGNGTVVRNSLLNGSW  
GSEKKITHNPFGPGQFFDLSIRCGLD  
RFKVYANGQHLLFDFAHRLSAFQRVD  
TLEIQGDVTL SYVQI 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°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10ug/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