

Product datasheet

Recombinant human Galectin 3 protein ab89487

1 References [画像数 1](#)

製品の概要

製品名 Recombinant human Galectin 3 protein  
 タンパク質長 Full length protein

製品の詳細

由来 Recombinant  
 由来 Escherichia coli

アミノ酸配列

アクセッション番号 [NP\\_002297](#)

生物種 Human

配列 MGSSHHHHHH SGLVPRGSH MADNFS LHDA  
 LSGSGNPNPQ GWPGAWGNQP AGAGGYPGAS  
 YPGAYPGQAP PGAYPGQAPP GAYPGAPGAY  
 PGAPAPGVYP GPPSGPGAYP SSGQPSATGA  
 YPATGPYGAP AGPLIVPYNL PLPGGVVPRM  
 LITILGTVKP NANRIALDFQ RGNDVAFHFN  
 PRFNENRRV IVCNTKLDNN WGREERQSVF  
 PFESGKPKFI QVLVEPDHFK VAVNDAHLLQ  
 YNHRVKKLNE ISKLGISGDI DLTSASYTMI

分子量 28 kDa  
 領域 1 to 250  
 タグ His tag N-Terminus

特性

Our [Abpromise guarantee](#) covers the use of **ab89487** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

生理活性 The ED50 for this effect is  $\leq 2.5$  ug/ml. Measured by its ability to agglutinate human red blood cells.

アプリケーション SDS-PAGE

精製度 > 95 % SDS-PAGE.

Purified by using conventional chromatography techniques

## 製品の状態

Liquid

## 前処理および保存

### 保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol, 0.58% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 関連情報

### 機能

Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis.

### 組織特異性

A major expression is found in the colonic epithelium. It is also abundant in the activated macrophages.

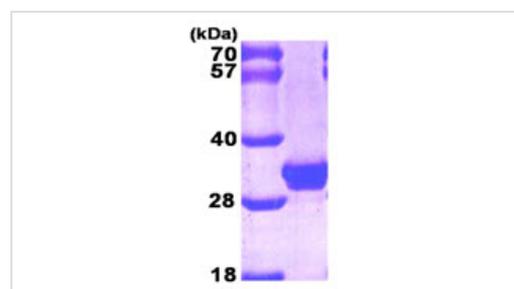
### 配列類似性

Contains 1 galectin domain.

### 細胞内局在

Nucleus. Cytoplasmic in adenomas and carcinomas. May be secreted by a non-classical secretory pathway and associate with the cell surface.

## 画像



15% SDS-PAGE showing ab89487 at approximately 28.3kDa (3μg).

SDS-PAGE - Recombinant human Galectin 3 protein (ab89487)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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