



[Go to Product page](#)

Datasheet for ABIN6253708

## GAL4 Protein (AA 1-323) (His tag)

### 1 Image

#### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | GAL4 (LGALS4)                               |
| Protein Characteristics:      | AA 1-323                                    |
| Origin:                       | Human                                       |
| Source:                       | HEK-293 Cells                               |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This GAL4 protein is labelled with His tag. |

#### Product Details

|                  |  |
|------------------|--|
| Sequence:        | AA 1-323   |
| Characteristics: | This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 38.1 kDa. The protein migrates as 40-44 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| Purity:          | >95 % as determined by SDS-PAGE.   |
| Endotoxin Level: | Less than 1.0 EU per µg by the LAL method.   |

#### Target Details

|                   |   |
|-------------------|---|
| Target:           | GAL4 (LGALS4)   |
| Alternative Name: | Galectin-4 ( <a href="#">LGALS4 Products</a> )  |
| Background:       | Galectin-4 (Gal-4), also known as L36LBP (L-36 lactose-binding protein). The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix |

## Target Details

interactions. Galectin-4 expression is concentrated within microvilli in the gastrointestinal epithelium, where it can interact with CD3 and bind activated T cells in the lamina propria during intestinal inflammation. LGALS4 is an S-type lectin that is strongly underexpressed in colorectal cancer.

Molecular Weight: 38.1 kDa

NCBI Accession: [NP\\_006140](#)

## Application Details

Restrictions: For Research Use only

## Handling

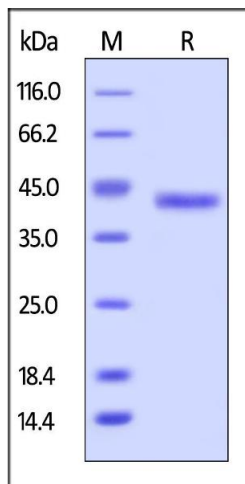
Format: Lyophilized

Buffer: 50 mM HEPES, 150 mM NaCl, 5 mM EDTA, 2 mM TCEP, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

## Images



### SDS-PAGE

**Image 1.** Human Galectin-4, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .