



[Go to Product page](#)

Datasheet for ABIN6253707

GAL4 Protein (AA 1-326) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	GAL4 (LGALS4)
Protein Characteristics:	AA 1-326
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAL4 protein is labelled with His tag.

Product Details

Sequence:	AA 1-326
Characteristics:	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 38.6 kDa. The protein migrates as 44 kDa and 45-46 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>92 % 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 (LGALS4 Products)
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: 38.6 kDa

NCBI Accession: [NP_034836](#)

Application Details

Restrictions: For Research Use only

Handling

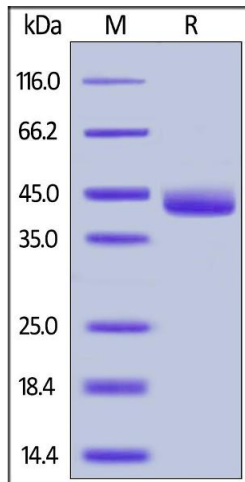
Format: Lyophilized

Buffer: 50 mM HEPES, 150 mM NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

Images



SDS-PAGE

Image 1. Mouse 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 92 % .