

## Product datasheet

# Recombinant Human galectin 9 protein ab93649

1 Image

### Overview

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**Product name** Recombinant Human galectin 9 protein

**Protein length** Protein fragment

### Description

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**Nature** Recombinant

**Source** Escherichia coli

### Amino Acid Sequence

**Species** Human

**Sequence**  
 MGSSHHHHHH SSGLVPRGSH MAFSGSQAPY  
 LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS  
 SGTRFAVNFQ TGFSGNDIAF HFNPRFEDGG  
 YVVCNTRQNG SWGPEERKTH MPFQKGMPFD  
 LCFLVQSSDF KVMVNGILFV QYFHRVPFHR  
 VDTISVNGSV QLSYISFQ

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab93649** in the following tested applications.

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

**Applications** Western blot

SDS-PAGE

**Purity** > 90 % SDS-PAGE.

ab93649 is purified using conventional chromatography techniques.

**Form** Liquid

### Preparation and Storage

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#### Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Preservative: None

Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, pH 8.0

## General Info

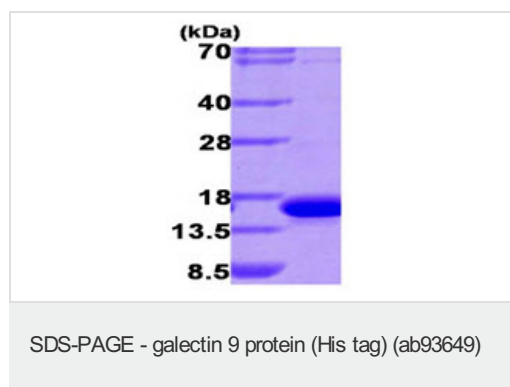
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<b>Function</b>	Binds galactosides. Has high affinity for the Forssman pentasaccharide. May play a role in thymocyte-epithelial interactions relevant to the biology of the thymus. Inhibits cell proliferation. It is a ligand for HAVCR2/TIM3. Induces T-helper type 1 lymphocyte (Th1) death. Isoform Short acts as an eosinophil chemoattractant.
<b>Tissue specificity</b>	Peripheral blood leukocytes and lymphatic tissues. Overexpressed in Hodgkin disease tissue.
<b>Sequence similarities</b>	Contains 2 galectin domains.
<b>Domain</b>	Contains two homologous but distinct carbohydrate-binding domains.
<b>Cellular localization</b>	Cytoplasm. Secreted. May also be secreted by a non-classical secretory pathway.

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## Images

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15% SDS-PAGE showing ab93649 at approximately 18.5kDa (3µg).

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

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