

Product datasheet

Recombinant Human galectin 9 protein ab93649

1 Image

Overview

Product name	Recombinant Human galectin 9 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MAFSGSQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNFQ TGFSGNDIAF HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMFPD LCFLVQSSDF KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQ

Specifications

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

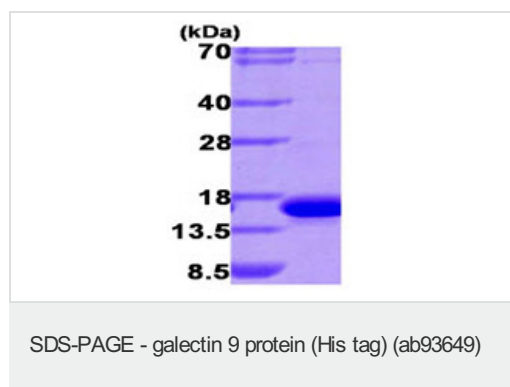
Preparation and Storage

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
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General Info

Function	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.
Tissue specificity	Peripheral blood leukocytes and lymphatic tissues. Overexpressed in Hodgkin disease tissue.
Sequence similarities	Contains 2 galectin domains.
Domain	Contains two homologous but distinct carbohydrate-binding domains.
Cellular localization	Cytoplasm. Secreted. May also be secreted by a non-classical secretory pathway.

Images



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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