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Datasheet for ABIN7520266 Galectin 9 Protein (His tag)

Overview

Quantity:	50 µg
Target:	Galectin 9 (LGALS9)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Galectin 9 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human Galectin-9/LGALS9 Protein
Sequence:	AFSGSQAPYL SPAVPFSGTI QGGLQDGLQI TVNGTVLSSS GTRFAVNFQT GFSGNDIAFH FNPRFEDGGY VVCNTRQNGS WGPEERKTHM PFQKGMPPDL CFLVQSSDFK VMVNGILFVQ YFHRVPFHRV DTISVNGSVQ LSYISFQPPG VWPANPAPIT QTVIHTVQSA PGQMFSTPAI PPMMYPHPAY PMPFITLILG GLYPSKSILL SGTVLPSAQR FHINLCSGNH IAFHLNPRFD ENAVVRNTQI DNSWGSEERS LPRKMPFVRG QSFSVWILCE AHCLKVAVDG QHLFEYYHRL RNLPTINRLE VGGDIQLTHV QT
Specificity:	Ala2-Thr323
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Biological Activity Comment:	1. Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Galectin-9 at 2 µg/mL can bind Recombinant Human TIM-3 with a linear range of 5-15 µ

Product Details

g/mL.]2.Measured by the ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells. When 8x10⁴ cells/well are added to LGALS9 coated plates (5 µg/mL and 100 µL/well) in the ppresence of 10µg/ml PHA, approximately 70-80% cells will adhere specifically after 60 minutes at 37°C.

Target Details

Target:	Galectin 9 (LGALS9)
Alternative Name:	Galectin-9/LGALS9 (LGALS9 Products)
Background:	LGALS9,HUAT,LGALS9A
Gene ID:	3965
UniProt:	O00182-2

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.