

Recombinant Human Galectin-9(LGALS9)

Catalog No: #AP70498

Package Size: #AP70498-1 20ug #AP70498-2 100ug #AP70498-3 1mg

Description

Product Name	Recombinant Human Galectin-9(LGALS9)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-323aaSequence Info:Full length of Isoform 2
Other Names	Ecalectin;Tumor antigen HOM-HD-21
Accession No.	O00182
Calculated MW	65.9 kDa
Tag Info	N-terminal 6xHis-GST-tagged
Target Sequence	MAFSGSQAPYLSPAVPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAFHFNPRFEDGGYV CNTRQNGSWGPEERKTHMPFQKGMFDFLCFLVQSSDFKVMVNGILFVQYFHRVPFHRVDTISVNGSVQLSYI SFQPPGVWPANPAPITQTVIHTVQSAPGQMFMSTPAIPPMYPHPAYPMPFITTLGGLYPSKSILLSGTVLP SAQRFHINLCSGNHIAFHNLNPRFDENAVVRNTQIDNSWGSEERSLPRKMPFVRGQSFSVWILCEAHCLKVA VDGQHLFEYYHRLRNLPINRLEVGDDIQLTHVQT
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 choattractant.

References

Human galectin-9 isoform full-length cDNA from gastric adenocarcinoma.Kato S. Human ecalectin, a variant of human galectin-9, is a novel eosinophil chemoattractant produced by T lymphocytes.Matsumoto R., Matsumoto H., Seki M., Hata M., Asano Y., Kanegasaki S., Stevens R.L., Hirashima M.J. Biol. Chem. 273:16976-16984(1998)Research Topic:Neuroscience

Note: This product is for in vitro research use only and is not intended for use in humans or animals.