

32-8887: Recombinant Human Galectin-9/LGALS9 (N-GST)(Discontinued)

Gene : LGALS9
Gene ID : 3965
Uniprot ID : O00182

Description

Source: E.coli.
MW :62.2kD.

Recombinant Human Galectin-9 is produced by our expression system and the target gene encoding Met1-Thr322 is expressed. Galectin-9 is a cytoplasmic protein that contains two galectin domains. Galectin-9 is an S-type lectin that is over-expressed in Hodgkin's disease tissue. Galectin-9 binds galactosides and has high affinity for the Forssman pentasaccharide. Galectin-9 plays a role in thymocyte-epithelial interactions relevant to the biology of the thymus and inhibits cell proliferation. Galectin-9 is a ligand for HAVCR2/TIM3 and induces T-helper type 1 lymphocyte (Th1) death. In addition, Galectin-9 suppresses tumor cell metastasis by interfering with the associations CD44, VCAM-1, Integrin α 4 β 1.

Product Info

Amount : 10 μ g / 50 μ g
Content : Supplied as a 0.2 μ m filtered solution of 1M PBS, 15% Glycerol, pH8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKTQSMAIIRYIA
DKHNMLGGCCKERAIEISMLEGAVLDIRYGVSRIAYSKDFETLKVDLFLSKLPEMLKMFEDRLCHKTYLNGDHVTH
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR
GSMFSGSQAPYLSPAVPFSGTIQGGDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAHFHNPREFDGGYV
VCNTRQNGSWGPEERKTHMPFQKGMFDFLCLVQSSDFKVMVNGILFVQYFHRVPPFHRVDTISVNGSVQLSYI
SFQPPGVWPANPAPITQTVIHTVQSAPGQMFSTPAIPPMYHPAYPMPFITTLGGLYPSKSILLSGTVLPSAQR
FHINLCSGNHIAFHNLNPRFDENAVVRNTQIDNSWGSEERSLPRKMPFVRGQSFVWILCEAHCLKVAVDGQHL
FEYYHRLRNLPINRLEVGDDIQLTHVQT

Application Note

Endotoxin : Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.