9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LGALS3 Mouse

Galectin-3 Mouse Recombinant
GRF0236

Product Overview

Name	LGALS3 Mouse
Description	
Galectin-3 Mouse Recombinant	
Accession (Primary)	Q8C253
Synonyms	
Lectin galactose binding soluble 3, Lectin, galactose binding, soluble 3, CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2.	
Introduction	
Galectin 3, or LGALS3, is a protein which belongs to the animal lectins family, that binds betagalactoside residues selectively. LGALS3 is originated and leaves cells through ectocytosis. The protein is capable of inhibition apoptosis and the development of cancer. Galectin 3 is found in epithelial tissues in organisms, it can be located in dendritic cells, Kupffer cells, macrophages etc. LGALS3 levels elevated when inflammation is generating, cell proliferation, trans-activation by viral proteins and cell differentiation.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
LGALS3 protein (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol,1mM DTT and 2mM EDTA.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MADSFSL NDALAGSGNP NPQGYPGAWG NQPGAGGYPG AAYPGAYPGQ APPGAYPGQA PPGAYPGQAP PSAYPGPTAP GAYPGPTAPG AYPGSTAPGA FPGQPGAPGA YPSAPGGYPA	

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AGPYGVPAGP LTVPYDLPLP GGVMPRMLIT IMGTVKPNAN RIVLDFRRGN DVAFHFNPRF NENNRRVIVC NTKQDNNWGK EERQSAFPFE SGKPFKIQVL VEADHFKVAV NDAHLLQYNH RMKNLREISQ LGISGDITLT SANHAMI.

Biological Activity

Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is ≥ 25ug/ml.

Precautions

LGALS3 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8C253)