

Recombinant Mouse Galectin 9 Protein

Catalog #	Source	Reactivity	Applications
CRP2971	E. coli	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse Galectin 9 Protein is produced by E.coli expression system and the target gene encoding Met1-Thr322 is expressed with a GST tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM PB, 1mM EDTA, 5mM p-ME, 5%Trehalose, 400mM NaCl, pH6.5.		
Gene Symbol	LGALS9		
Alternative Names	Galectin-9; Gal-9; Ecalectin; Tumor antigen HOM-HD-21		
Entrez Gene	16859 (Mouse)		
SwissProt	O08573 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID</p> <p>GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV</p> <p>DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK</p> <p>KRIEAIPIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSMALF SAQSPYINPI</p> <p>IPFTGPIQGG LQEGLQVTLQ GTTKSFAQRF VVNFQNSFNG NDIAFHFNPR FEEGGYVVCN</p> <p>TKQNGQWGPE ERKMQMPFQK GMPFELCFLV QRSEFKVMVN KKFFVQYQHR</p> <p>VPYHLVDTIA VSGCLKLSFI TFQTQNFPA HQAPMAQTTI HVMHSTPGQM FSTPGIPPVV</p> <p>YPTPAYTIPF YTIPIPNGLYP SKSIMISGNV LPDATRFHIN LRCGGDIAFH LNPRFNENAV</p> <p>VRNTQINNSW GQEERSLLGR MPFSRGQSFS VWIICEGHCF KVAVNGQHMC EYYHRLKNLQ</p> <p>DINTLEVAGD IQLTHVQT</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

Directions for Use Please minimize freeze-thaw cycles.

Storage/Stability Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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