

Product Data Sheet

Recombinant Mouse Galectin 9 Protein

Catalog #	Source	Reactivity	Applications
CRP2971	E. coli	M	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	MSPILGYWKI KGLVQPTRL LLYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSMALF SAQSPYINPI IPFTGPIQGG LQEGLQVTLQ GTTKSFAQRF VVNFQNSFNG NDIAFHFNPR FEEGGYVVCN TKQNGQWGPE ERKMQMPFQK GMPFELCFLV QRSEFKVMVN KKFFVQYQHR VPYHLVDTIA VSGCLKLSFI TFQTQNFSPA HQAPMAQTTI HVMHSTPGQM FSTPGIPPVV YPTPAYTIPF YTPIPNGLYP SKSIMISGNV LPDATRFHIN LRCGGDIAFH LNPRFNENAV VRNTQINNSW GQEERSLLGR MPFSRGQSFS VWIICEGHCF KVAVNGQHMC EYYHRLKNLQ DINTLEVAGD IQLTHVQT		
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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Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to 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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