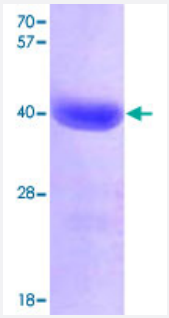
Full-Length

LGALS4 (Human) Recombinant Protein

Catalog # P3544 Size 100 ug

Applications



Specification

Product Description	Human LGALS4 (NP_006140, 1 a.a. - 323 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMAYVPAPGYQPTYNPTLPYYQPIPGGLNVGMSVYIQGVASEHMK RFFVNFVVGQDPGSDVAFHFNPRFDGWDKVVFNTLQGGKWGSEERKRSMPFKKGAAFELVFIV LAEHYKVVVNGNPFYEYGHRLPLQMVTHLQVDGDLQLQSINFIGGQPLRPQGPPMMPPYPGPGH CHQQLNSLPTMEGPPTFNPPVPYFGRLQGGLTARRTIIIKGYVPPTGKSFAINFKVGSSGDIALHINP RMGNGTVVRNSLLNGSWGSEEKKITHNPFGPGQFFDLSIRCGLDRFKVYANGQHLFDFAHRLSA FQRVDTLEIQGDVTLSYVQI
Host	Escherichia coli
Theoretical MW (kDa)	38.1
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (1 mM DTT, 10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — LGALS4

Entrez GeneID	3960
Protein Accession#	NP_006140
Gene Name	LGALS4
Gene Alias	GAL4, L36LBP
Gene Description	lectin, galactoside-binding, soluble, 4
Omim ID	602518
Gene Ontology	Hyperlink
Gene Summary	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. [provided by RefSeq
Other Designations	L-36 lactose-binding protein|galectin 4|galectin-4|lactose-binding lectin 4

Publication Reference

- LILRB3 supports immunosuppressive activity of myeloid cells and tumor development.

  Ryan Huang, Xiaoye Liu, Jaehyup Kim, Hui Deng, Mi Deng, Xun Gui, Heyu Chen, Guojin Wu, Wei Xiong, Jingjing Xie, Cheryl Lewis, Jade Homsi, Xing Yang, Chengcheng Zhang, Yubo He, Qi Lou, Caroline Smith, Samuel John, Ningyan Zhang, Zhiqiang An, and Cheng Cheng Zhang.

  Cancer Immunology Research 2024 Mar; 12(3):350.

  Application：Co-IP, Mice, Mouse spleen

Copyright © 2023 Abnova Corporation. All Rights Reserved.