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Datasheet

LGALS4 (Human) Recombinant Protein

Catalog Number: P3544

Regulation Status: For research use only (RUO)

Product Description: Human LGALS4 (NP_006140, 1 a.a. - 323 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence:
MGSSHHHHHHSSGLVPRGSHMAYVPAPGYQPTYNPT
LPYYQPIPGGLNVGMSVYIQGVASEHMKRFFVNFVVG
QDPGSDVAFHFNPRFDGWDKVVFNTLQGGKWGSEE
RKRSMPFKKGAAFELVFIVLAEHYKVVVNGNPFYEYG
HRLPLQMVTHLQVDGDLQLQSINFIGGQPLRPQGPPM
MPPYPGPGHCHQQLNSLPTMEGPPTFNPPVPYFGRL
QGGLTARRTIIIKGYVPPTGKSFAINFKVGSSGDIALHIN
PRMGNGTVVRNSLLNGSWGSEEKKITHNPFGPGQFF
DLSIRCGLDRFKVYANGQHLFDFAHRLSAFQRVDTLEI
QGDVTLSYVQI

Host: Escherichia coli

Theoretical MW (kDa): 38.1

Applications: SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purification: Conventional Chromatography

Concentration: 1 mg/mL

Purity: > 95% by 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.

Entrez GeneID: 3960

Gene Symbol: LGALS4

Gene Alias: GAL4, L36LBP

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]