Full-Length

LGALS7 (Human) Recombinant Protein

Catalog # P8671 Size 20 ug

Specification

Product Description	Human LGALS7 full-length recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.
Sequence	MSNVPHKSSLPEGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGSDAALHFNPRLDTSEVVFNSK EQGSWGREERGPGVPFQRGQPFEVLIIASDDGFKAVVGDAQYHHFRHRLPLARVRLVEVGGDV QLDSVRIF
Host	Escherichia coli
Theoretical MW (kDa)	17.2
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Solution (1 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 1 mM DTT.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — LGALS7

Entrez GeneID	3963

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Protein Accession#	P47929
Gene Name	LGALS7
Gene Alias	GAL7, LGALS7A
Gene Description	lectin, galactoside-binding, soluble, 7
Omim ID	600615
Gene Ontology	Hyperlink
Gene Summary	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell a nd cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is sp ecifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplic ate copy of this gene (GeneID:653499) is found adjacent to, but on the opposite strand on chromo some 19. [provided by RefSeq
Other Designations	galectin 7|galectin-7

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