

Bioactive

LGALS1 (Human) Recombinant Protein

Catalog # P8659

Size 50 ug

Specification

Product Description	Human LGALS1 recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MACGLVASNLNLKPGECLRVRGEVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHGDANTIVCNSK DGGAWGTEQREAVFPFQPGSVAEVCITFDQANLTVKLPDGYEFKFPNRLNLEAINYMAADGDFKI KCVAFD
Host	Escherichia coli
Theoretical MW (kDa)	14.7
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Activity	The activity is starting at 100 ng/mL, determined by the ability to induce chemotaxis of human THP-1 cells, corresponding to a specific activity of 1.0×10^4 units/mg.
Storage Buffer	Protein(1 mg/mL) was lyophilized from a solution containing 10 mM sodium phosphate, pH 7.5. Reconstitute the lyophilized powder in ddH ₂ O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days 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

- Functional Study

Gene Info — LGALS1

Entrez GeneID	3956
Protein Accession#	P09382
Gene Name	LGALS1
Gene Alias	DKFZp686E23103, GAL1, GBP
Gene Description	lectin, galactoside-binding, soluble, 1
Omim ID	150570
Gene Ontology	Hyperlink
Gene Summary	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq]
Other Designations	OTTHUMP00000028982 S-Lac lectin 1 beta-galactoside-binding lectin L-14- galaptin galectin 1 galectin-1 lactose-binding lectin 1

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