

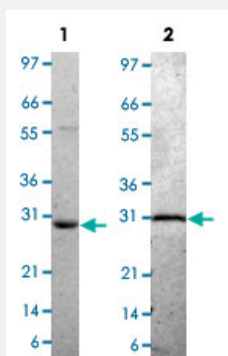
Bioactive

LGALS3 (Human) Recombinant Protein

Catalog # P4391

Size 50 ug

Applications



Lane 1: reducing conditions

Lane 2: non-reducing conditions

Result of activity analysis

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Human PBMCs were allowed to migrate to human LGALS3 at (0, 0.01, 0.1, 1, 10 and 100 ug/mL). After 1 hour, cells that migrated were counted using a luminescent substrate and displayed on the bar graph above.

Specification

Product Description	Human LGALS3 (Q61BA7) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MADNFSLHDALSGSGNPNPQGWPAGWGNQAGAGGYPGASYPGAYPGQAPPGAYPGQAPPG AYHGAPGAYPGAPAGVYPGPPSGPGAYPSSGQPSAPGAYPATGPYGAPAGPLMPYNLPLPGG VVPRMLITILGTVKPNANRIALDFQRGNDVAFHFNPRFNENNRVIVCNTKLDNNWGREERQSVFP FESGKPFKIQVLVEPDHFKVAVNDAHLLQYNHRVKKLNEISKLGISGDIDLTASYSYMI
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	26
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system

Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the ability to induce chemotaxis of human PBMCs and is detectable starting at 1 ug/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Lane 1: reducing conditions Lane 2: non-reducing conditions
Storage Buffer	Lyophilized from 10 mM Na ₂ PO ₄ , 50 mM NaCl, pH 7.5
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis Human PBMCs were allowed to migrate to human LGALS3 at (0, 0.01, 0.1, 1, 10 and 100 ug/mL). After 1 hour, cells that migrated were counted using a luminescent substrate and displayed on the bar graph above.

Applications

- Functional Study
- SDS-PAGE

Gene Info — LGALS3

Entrez GeneID	3958
Protein Accession#	Q61BA7
Gene Name	LGALS3
Gene Alias	CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2
Gene Description	lectin, galactoside-binding, soluble, 3
Omim ID	153619
Gene Ontology	Hyperlink
Gene Summary	lectin

Other Designations

IgE-binding protein|MAC-2 antigen|carbohydrate-binding protein 35|galactose-specific lectin 3|galactin 3|galectin-3 internal|laminin-binding protein

Disease

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