

Bioactive

Full-Length

LGALS8 (Human) Recombinant Protein

Catalog # P8674

Size 2 x 10 ug

Specification

Product Description	Human LGALS8 full-length recombinant protein with His tag in N-terminus expressed in <i>Escherichia coli</i> .
Sequence	This sequence of the first five N-terminal amino acids was determined and was found to be Met-Met-Leu-Ser-Leu
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	37.9
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Activity	ED ₅₀ is 5-10 ug/mL, determined by the ability to agglutinate human red blood cells, corresponding to a specific activity of 100-200 IU/mg.
Storage Buffer	Solution (0.5 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 0.1 M NaCl, 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

- Functional Study

Gene Info — LGALS8

Entrez GeneID	3964
Protein Accession#	O00214
Gene Name	LGALS8
Gene Alias	Gal-8, PCTA-1, PCTA1, Po66-CBP
Gene Description	lectin, galactoside-binding, soluble, 8
Omim ID	606099
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumor tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000037854 Po66 carbohydrate binding protein galectin 8 galectin-8 galectin-8g prostate carcinoma tumor antigen 1