

Bioactive

LGALS8 (Human) Recombinant Protein

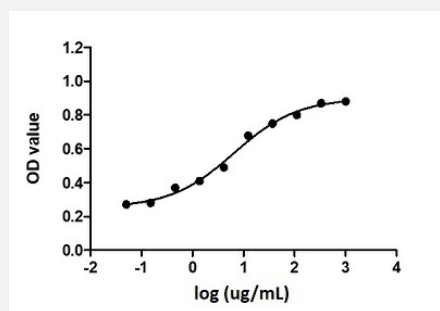
Catalog # P7836

Size 20 ug

Applications



SDS-PAGE analysis of LGALS8 (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description

Human LGALS8 recombinant protein with polyhistidine tag at the N-terminus expressed in *Escherichia coli*.

Sequence	MLSLNNLQNIYNPVIPFVGITPDQLDPGLVIRGHVPSDADRFQVDLQNGSSMKPRADVAFHFNP RFKRAGCVCNTLINEKWGREEITYDTPFKREKSFENVIMVLKDKFQVAVNGKHTLLYGHRIGPEKID TLGIYGVNIHSIGFSFSSDLQSTQASSLELTEISRENVPKSGTPQLRLPFAARLNTMPGPGRTVVV KGEVNANAKSFNVDLLAGKSKDIALHLNPRLNIAFVRNSFLQESWGEEERNITSFPFSPGMYFE MIYCDVREFKVAVNGVHSLEYKHRFKELSSIDTLEINGDIHLLEVRWS with polyhistidine tag at the N-terminus.
Host	Escherichia coli
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ni-NTA chromatography
Purity	> 98% as determined by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Activity	ED ₅₀ < 8 ug/mL, measured by the ability to agglutinate human red blood cells.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of LGALS8 (Human) Recombinant Protein.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH ₂ O to 100 ug/mL.
Storage Instruction	Lyophilized protein should be stored at -20°C. Protein aliquots should be stored at -20°C to -80°C. Th is product is stable for one year. Avoid repeated freeze/thaw cycles.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — LGALS8

Entrez GeneID	3964
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	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]
Other Designations	OTTHUMP00000037854 Po66 carbohydrate binding protein galectin 8 galectin-8 galectin-8g prostate carcinoma tumor antigen 1