

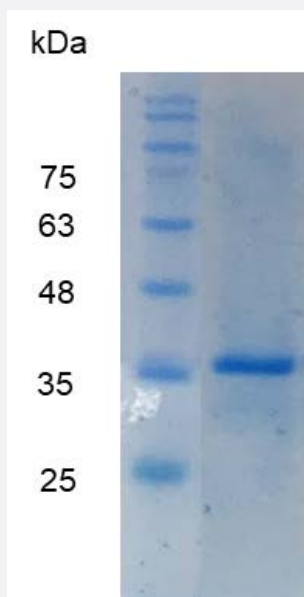
Bioactive

LGALS9 (Human) Recombinant Protein

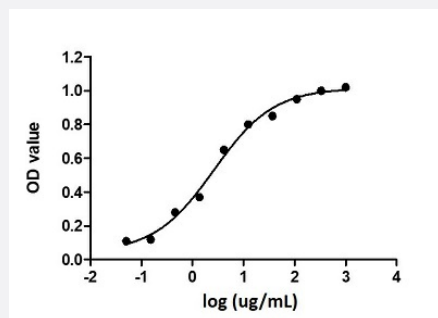
Catalog # P7837

Size 20 ug

Applications



SDS-PAGE analysis of LGALS9 (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description

Human LGALS9 recombinant protein with polyhistidine tag at the N-terminus expressed in *Escherichia coli*.

Sequence	AFSGSQAPYLSPAVPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFQTGFSGNDIAFHFNPRFE DGGYVVCNTRQNGSWGPEERKTHMPFQKGMPFDLCFLVQSSDFKVMVNGILFVQYFHRVPFHR VDTISVNGSVQLSYISFQPPGVWPANPAPITQTVIHTVQSAPGQMFSTPAIPPMYPHPAYPMPFIT TILGGLYPSKSILLSGTVLPSAQRFHINLCSGNHIAFHLNPRFDENAVVRNTQIDNSWGSEERSLPR KMPFVRGQSFSVWILCEAHCLKVAVDGQHLFEYYHRLRNLPTINRLEVGGDIQLTHVQT with polyhi stidine tag at the N-terminus.
Host	Escherichia coli
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Activity	ED ₅₀ < 3 ug/mL, as measured by the ability of the immobilized protein to support Jurkat cells adhesi on.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of LGALS9 (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 — LGALS9

Entrez GeneID [3965](#)

Gene Name LGALS9

Gene Alias	HUAT, LGALS9A, MGC117375, MGC125973, MGC125974
Gene Description	lectin, galactoside-binding, soluble, 9
Omim ID	601879
Gene Ontology	Hyperlink
Gene Summary	<p>The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The protein encoded by this gene is an S-type lectin. It is overexpressed in Hodgkin's disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]</p>
Other Designations	ecalectin galectin 9 galectin-9 urate transporter/channel protein