

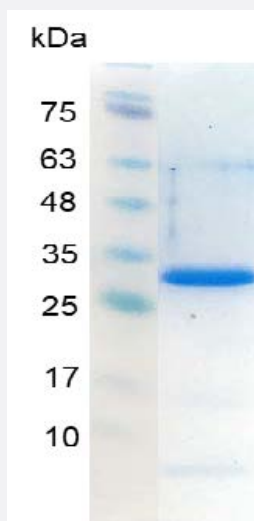
Bioactive

LGALS3 (Human) Recombinant Protein

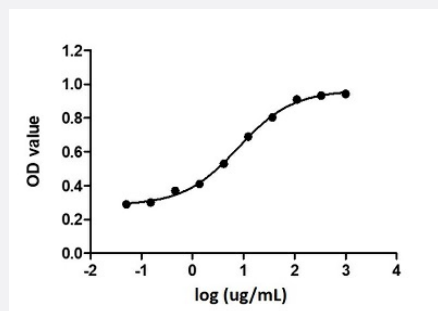
Catalog # P7832

Size 20 ug

Applications



SDS-PAGE analysis of LGALS3 (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description

Human LGALS3 recombinant protein with polyhistidine tag at the N-terminus expressed in *Escherichia coli*.

Sequence

ADNFSLHDALSGSGNPNPQGWPAGWGNQPAGAGGYPGASYPGAYPGQAPPGAYPGQAPPGA
YPGAPGAYPGAPAGVYPGPPSGPGAYPSSGQPSATGAYPATGPYAPAGPLVPYNLPLPGGV
VPRMLITILGTVKPNANRIALDFQRGNDVAFHFNPRFNENNRRVIVCNTKLDNNWGREERQSVFPF
ESGKPFKIQLVLEPDHFKVAVNDAHLLQYNHRVKKLNEISKLGISGDIDLTASAYTMI with polyhistidi
ne 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 LGALS3 (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. The 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 — LGALS3

Entrez GeneID	3958
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 aminin-binding protein

Disease

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