

Bioactive

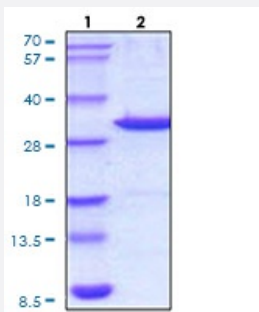
Full-Length

Lgals3 (Mouse) Recombinant Protein

Catalog # P7961

Size 100 ug

Applications



Specification

Product Description

Mouse Lgals3 (Q9CQW5, 1 a.a. - 264 a.a.) full length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MADSFSLNDALAGSGNPNPQGYPGA WGNQPGAGGYPGAAYPGAYPGQAPPGAYPGQAPPGAY
PGQAPPSAYPGTAPGAYPGTAPGAYPGSTAPGAFFGQPGAPGAYPSAPGGYPAAGPYGVPA
GPLTVPYDLPLPGGVMPRMLITIMGTVKPNANRVLDFRRGNDVAFHFNPRFNENNRRVIVCNTKQ
DNNWGKEERQSAFPFESGKPFKIQLVEADHFKVAVNDAHLLQYNHRMKNLREISQLGISGDITLT
SANHAMI

Host

Escherichia coli

Theoretical MW (kDa)

29.8

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 95% by SDS-PAGE

Activity

ED₅₀ is > 25 ug/mL, measured by the ability to agglutinate human red blood cells.

Quality Control Testing

3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.

Storage Buffer

In 20mM Tris-HCl pH 8.0 (50% glycerol, 0.15 M NaCl, 1 mM DTT, 2 mM EDTA)

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Lgals3

Entrez GeneID	16854
Protein Accession#	Q8C253
Gene Name	Lgals3
Gene Alias	GBP, L-34, Mac-2, gal3
Gene Description	lectin, galactose binding, soluble 3
Gene Ontology	Hyperlink
Gene Summary	galactose binding
Other Designations	galectin 3