

## Active Recombinant Mouse Lgals1 protein(Met1-Glu135)

**Cat. No.** Lgals1-4007M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Lgals1 protein(P16045)(Met1-Glu135) was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Glu135
<b>similar</b>	Lgals1
<b>Alias</b>	LGALS1; lectin, galactose binding, soluble 1; galectin-1; galaptin; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; beta-galactoside binding protein; lectin galactoside-binding soluble 1; beta-galactoside-binding lectin L-14-I; L14; Gal-1; Galbp; L-14.5; Lect14; AA410090;
<b>Conjugate</b>	N/A
<b>Form</b>	Lyophilized from sterile PBS, pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is typically 6-60 µg/ml.
<b>MolecularMass</b>	The recombinant mouse Lgals1 consists of 135 amino acids and migrates as an

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	approximately 15 kDa band as predicted in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GeneName</b>	Lgals1 lectin, galactose binding, soluble 1 [ Mus musculus ]
<b>GeneNameWeblink</b>	<a href="#">16852</a>
<b>OfficialSymbol</b>	Lgals1
<b>OfficialSymbolWeblink</b>	<a href="#">16852</a>
<b>GeneID</b>	16852
<b>GeneIDWeblink</b>	<a href="#">16852</a>
<b>mRNARefseq</b>	NM_008495
<b>mRNARefseqWeblink</b>	<a href="#">NM_008495.2</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_032521.1</a>

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MIMWeblink

UniProtID

UniProtIDWeblink

## GENE INFORMATION

**Synonyms**

LGALS1; lectin, galactose binding, soluble 1; galectin-1; galaptin; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; beta-galactoside binding protein; lectin galactoside-binding soluble 1; beta-galactoside-binding lectin L-14-I; L14; Gal-1; Galbp; L-14.5; Lect14; AA410090;

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