

Active Recombinant Mouse Lgals1 protein(Met1-Glu135)

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

SPECIFICATION

Product Overview	Recombinant Mouse Lgals1 protein(P16045)(Met1-Glu135) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Glu135
similar	Lgals1
Alias	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;
Conjugate	N/A
Form	Lyophilized from sterile PBS, pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is typically 6-60 µg/ml.
MolecularMass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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.
GeneName	Lgals1 lectin, galactose binding, soluble 1 [Mus musculus]
GeneNameWeblink	16852
OfficialSymbol	Lgals1
OfficialSymbolWeblink	16852
GenelD	16852
GenelDWeblink	16852
mRNARefseq	NM_008495
mRNARefseqWeblink	NM_008495.2
ProteinRefseqWeblink	NP_032521.1

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;
MIM	

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