

Recombinant Rat Lgals1 protein(Ala2-Glu135)

Cat. No. Lgals1-8747R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Galectin1 (P11762) (Ala2-Glu135) was expressed and purified in E. coli.
Species	Rat
Source	E.coli
ProteinLength	2-135 a.a.
Form	Lyophilized from sterile PBS, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat Galectin1 consists of 135 amino acids and has a predicted molecular mass of 14.9 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 16 kDa in SDS-PAGE under reducing conditions.
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.

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GENE INFORMATION

Gene Name	Lgals1 lectin, galactoside-binding, soluble, 1 [Rattus norvegicus]
Official Symbol	Lgals1
Synonyms	LGALS1; lectin, galactoside-binding, soluble, 1; galectin-1; gal-1; RL 14.5; galaptin; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; lectin, galactose binding, soluble 1; beta-galactoside-binding lectin L-14-I;
Gene ID	56646
mRNA Refseq	NM_019904
Protein Refseq	NP_063969

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