

## Galectin-1 Mouse Recombinant

<b>Item Number</b>	rAP-2249
<b>Synonyms</b>	Galectin-1, Gal-1, 14 kDa lectin, Beta-galactoside-binding lectin L-14-I, Galaptin, Lactose-binding lectin 1, Lectin galactoside-binding soluble 1, S-Lac lectin 1, Lgals1, Gbp, L14, Galbp, L-14.5, Lect14, AA410090.
<b>Description</b>	LGALS1 mouse Recombinant produced E. coli is a single polypeptide chain containing 159 amino acids (1-135) and having a molecular mass of 17kDa.LGALS1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P16045
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMAGCLV ASNLNLKPGE CLKVRGEVAS DAKSFVLNLG KDSNNLCLHF NPRFNAHGDA NTIVCNTKED GTWGTEHREP AFPFQPGSIT EVCITFDQAD LTI- KLPDGHE FKFPNRLNME AINYMAADGD FKIKCVAFE.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The LGALS1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**