

## Galectin-7 Mouse Recombinant

<b>Item Number</b>	rAP-2247
<b>Synonyms</b>	Galectin-7, Gal-7, HKL-14, PI7, p53-induced gene 1 protein, LGALS7, PIG1, LGALS7B, GAL7, LGALS7A.
<b>Description</b>	LGALS7 mouse Recombinant produced E. coli is a single polypeptide chain containing 159 amino acids (1-136) and having a molecular mass of 17.6kDa.LGALS7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9CRB1
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMSTQHK TSLPQGVRVG TVMRIRGMVP DQAGRFBVNL LCGEEQGADA ALHFNPRDLD SEVVFNTKEQ GKWGREERGT GIPFERGQPF EVLLIATEEG FKAV- VGDDEY LHFHHRMPPA RVRLVEVGGD VQLHVKIF.
<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 LGALS7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 2mM DTT. 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**