

## Galectin-4 Mouse Recombinant

<b>Item Number</b>	rAP-2250
<b>Synonyms</b>	gal-4 , Galectin-4, Lactose-binding lectin 4, lectin galactoside-binding soluble 4.
<b>Description</b>	LGALS4 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 349 amino acids (1-326a.a) and having a molecular mass of 31.8kDa.LGALS4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q8K419
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMAYVPAP GYQPTYNPTL PYKRPIPGGL SVGMSVYIQG MAKENMRRFH VNFAVGQDDG ADVAHFHFNPR FDGWDKVVFN TMQSGQWGKE EKKKSMPFQK GKHFELVFMV MPEHYKVVVN GNSFYEYGHR LPVQMVTHLQ VDGDLQLSI NFLGGQPAAA PYPGAM- TIPA YPAGSPGYNP PQMNTLPVMT GPPVFNPRVP YVGALQGGLT VRRTHIIKGY VLPRTARNFVI NFKVGSSGDI ALHLNPRIGD SVVRNSFMNG SWGAEERKVA YNPFPGQFF DLSIRCGMDR FKVFANGQHL FDFSHRFQAF QMVDLEING DITLSYVQI.
<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>	LGALS4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% 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**