

Galectin-3 Mouse Recombinant

Item Number	rAP-2251
Synonyms	CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2, Galectin-3, Lectin, galactose binding, soluble 3, Lectin, galactose binding, soluble 3, isoform CRA_a, Lectin, galactose binding, soluble 3, isoform CRA_d, Lgals3.
Description	LGALS3 Mouse Recombinant produced in E. coli is a single polypeptide chain containing 287 amino acids (1-264) and having a molecular mass of 29.8 kDa. LGALS3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8C253
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMA DSFSL NDALAGSGNP NPQGYPGAWG NQPGAGGYPG AAY-PGAYPGQ APPGAYPGQA PPGAYPGQAP PSAYPGPTAP GAYPGPTAPG AYPGSTAPGA FPGQPGAP-GA YPSAPGGYPA AGPYGVPAGP LTVPYDLPLP GGVMRMLIT IMGTVKPNAN RIVLDFRRGN DVAHFHNPFRF NENRRRVIVC NTKQDNNWVGK EERQSAFPFE SGKPFKIQVL VEADHFKVAV NDAHLLQYNH RMKNLREISQ LGISGDITLT SANHAMI.
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	The LGALS3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol, 1mM DTT and 2mM EDTA. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**