

Galectin-8 Mouse Recombinant

Item Number	rAP-2248
Synonyms	Galectin-8, Gal-8, LGALS-8, AI326142, D13Ert524e, 1200015E08Rik.
Description	LGALS8 mouse Recombinant produced E. coli is a single polypeptide chain containing 339 amino acids (1-316) and having a molecular mass of 38kDa. LGALS8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9JL15
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLSLNNL QNIYNPIIP YVGTITEQLK PGSLIVIRGH VPKDSERFQV DFQLGNLKP RADVAFHFNP RFKRSSCIVC NLTQEKWGW EEITYDMPFR KEKSFEIVFM VLKNK-FQVAV NGRHVLLYAH RISPEQIDTV GIYGKVNHS IGFRFSSDLQSMETSALGLT QINRENIQKP GKQLQLSPFE ARLNASMGPG RTVVIKGEVN TNARSFNVDL VAGKTRDIAL HLNPRNLVKA FVRNS-FLQDA WGEERITC FPFSSGMYFE MIIYCDVREF KVAINGVHSL EYKHRFKDLS SIDTLSVDGD IRLLDVRSW.
Source	Escherichia 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 LGALS8 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	The ED50 for this effect is 3.9-15.63 ug/ml. Measured by its ability to agglutinate human red blood cells.
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**