

Galectin-9 Human Recombinant

Item Number	rAP-2258
Synonyms	Lectin galactoside-binding soluble 9, Urate transporter/channel protein, LGALS9A, MGC125973, HUAT, Ecalectin, Galectin-9, MGC117375, MGC125974, HOM-HD-21, LGALS9.
Description	LGALS9 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 168 amino acids (1-148 a.a.) and having a molecular mass of 18.5 kDa. Galectin-9 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	O00182
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAFSGSQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNFQ TGFSGNDIAF HFNPRFEDGG YVVCNTRQNG SWGPEERKTH MPFQKGMPPD LCFLVQSSDF KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQ.
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 LGALS9 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl and 20% glycerol. Greater than 90.0% 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**