

Galectin-3 Human Recombinant, His Tag

Item Number	rAP-2257
Synonyms	Galectin-3, GAL3, MAC2, CBP35, GALB, GALIG, LGALS2, LGALS3, Galactose-specific lectin 3, Mac-2 antigen, IgE-binding protein, 35 kDa lectin, Carbohydrate-binding protein 35, CBP 35, Laminin-binding protein, Lectin L-29, L-31, Galactoside-binding protein, G
Description	LGALS3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 270 amino acids (1-250 a.a.) and having a molecular mass of 28.3 kDa. The LGALS3 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatograph-
Uniprot Accession Number	P17931
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MADNFSLHDA LSGSGNPNPQ GWPGAWGNQP AGAGGYPGAS YP-GAYPGQAP PGAYPGQAPP GAYPGAGAY PGAPAPGVYP GPPSGPGAYP SSGQPSATGA YPATGPYGAP AGPLIVPYNL PLPGGVVPRM LITILGTVKP NANRIALDFQ RGNDVAFHFN PRFNENRRRV IVCNTKLDNN WGREERQSVF PFESGKPFKI QVLVEPDHFK VAVNDAHLLQ YNHR-VKKLNE ISKLGISGDI DLTSASYTMI.
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 Galectin-3 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	The ED50 for this effect is < 2.5ug/ml as 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**