

# Human LGALS3 Recombinant Protein



RPPB0279

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## Product Information    Protein Information

**Product SKU:**

RPPB0279

**Accession:**

P17931

**Host:**

Escherichia Coli.

**Protein 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 chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**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, GALBP.

**Formulation:**

The Galectin-3 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% Glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MADNFSLHDA LSGSGNPNPQ GWPGAWGNQP AGAGGYPGAS  
YPGAYPGQAP PGAYPGQAPP GAYPGAPGAY PGAPAPGVYP GPPSGPGAYP SSGQPSATGA YPATGPYGAP  
AGPLIVPYNL PLPGGVVPRM LITILGTVKP NANRIALDFQ RGNDVAFHFN PRFNENRRV IVCNTKLDNN  
WGREERQSVF PFESGKPKFI QVLVEPDHFK VAVNDAHLLQ YNHRVKKLLNE ISKLGISGDI DLTSASYTMI.

**Biological Activity:**

The ED50 for this effect is < 2.5ug/ml as measured by its ability to agglutinate human red blood cells.