

Human LGALS3 Recombinant Protein



RPPB0278

Product Information Protein Information

Product SKU:

RPPB0278

Accession:

P17931

Host:

Escherichia Coli.

Protein description:

LGALS3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 250 amino acids and having a molecular mass of 26.2kDa. The LGALS3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

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 was lyophilized from a sterile 0.2 micron filtered aqueous solution containing 10 mM sodium phosphate and 50mM sodium chloride, pH 7.5.

Purity:

Greater than 95.0% as determined by analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized LGALS3 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Galectin-3 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Galectin-3 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MADNFSLHDAL SGSGNPNPQG WPGA WGNQPA GAGGYPGASY PGAYPGQAPP GAYPGQAPPG
AYPGAPGAYP GAPAPGVYPG PPSGPGAYPS SGQPSATGAY PATGPYGAPA GPLIVPYNLP LPGGVVPRML
ITILGTVKPN ANRIALDFQR GNDVAFHFNP RFNENRRVI VCNTKLDNNW GREERQSVFP FESGKPFKIQ
VLVEPDHFKV AVNDAHLLQY NHRVKKLNEI SKLGISGDID LTSASYTMI.