

Mouse LGALS3 Recombinant Protein



RPPB0281

Product Information Protein Information

Product SKU:

RPPB0281

Accession:

Q8C253

Host:

E.coli.

Protein description:

LGALS3 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 287 amino acids (1-264 a.a) and having a molecular mass of 29.8kDa.LGALS3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Lectin galactose binding soluble 3, Lectin, galactose binding, soluble 3, CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2.

Formulation:

LGALS3 protein (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol, 1mM DTT and 2mM EDTA.

Purity:

Greater than 95% 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 MGSMADSFSL NDALAGSGNP NPQGYPGAWG NQPGAGGYPG
AAYPGAYPGQ APPGAYPGQA PPGAYPGQAP PSAYPGPTAP GAYPGPTAPG AYPGSTAPGA FPGQPGAPGA
YPSAPGGYPA AGPYGVPA GP LTVPYDLPLP GGVMRMLIT IMGTVKPNAN RIVLDFRRGN DVAHFHNPRF
NENNRVIVC NTKQDNNWVGK EERQSAFPFE SGKPFKIQL VEADHFKVAV NDAHLLQYNH RMKNLREISQ
LGISGDITLT SANHAMI.

Biological Activity:

Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is $\geq 25\mu\text{g/ml}$.