

# Mouse LGALS4 Recombinant Protein



RPPB0283

## Product Information Protein Information

### Product SKU:

RPPB0283

### Accession:

Q8K419

### Host:

Escherichia Coli.

### Protein description:

LGALS4 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 349 amino acids (1-326a.a) and having a molecular mass of 38.8kDa. LGALS4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Appearance:

Sterile filtered colorless solution.

### Synonyms:

gal-4 , Galectin-4, Lactose-binding lectin 4, lectin galactoside-binding soluble 4.

### Formulation:

LGALS4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.

### Purity:

Greater than 90.0% 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 SGLVPRGSH MGSMAYVPAP GYQPTYNPTL PYKRPIGGL SVGMSVYIQG MAKENMRRFH  
VNFAVGQDDG ADVAFHFNPR FDGWDKVVFN TMQSGQWGKE EKKKSMPFQK GKHFEVFMV  
MPEHYKVVVN GNSFYEGHR LPVQMVTHLQ VDGDLQLSI NFLGGQAAA PYPGAMTIPA YPAGSPGYNP  
PQMNTLPVMT GPPVFNPRVP YVGALQGGLT VRRTHIKGY VLPTARNFVI NFKVGSSGDI ALHLNPRIGD  
SVVRNSFMNG SWGAEERKVA YNPFPGQFF DLSIRCGMDR FKFVANGQHL FDFSHRFQAF QMVDLTLEING  
DITLSYVQI.

### Biological Activity:

The ED50 was measured by its ability to agglutinate human red blood cells and was found to be <5 ug/ml.