

Mouse LGALS8 Recombinant Protein



RPPB0289

Product Information Protein Information

Product SKU:

RPPB0289

Accession:

Q9JL15

Host:

Escherichia Coli.

Protein description:

LGALS8 mouse Recombinant produced E. coli is a single polypeptide chain containing 339 amino acids (1-316) and having a molecular mass of 38kDa. LGALS8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Galactin-8, Gal-8, LGALS-8, AI326142, D13Ert524e, 1200015E08Rik.

Formulation:

The LGALS8 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% 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 SSGLVPRGSH MGSMLSLNNL QNIIYNPIIP YVGTITEQLK PGSLIVIRGH VPKDSERFQV
DFQLGNLSKP RADVAFHFNP RFKRSSCIVC NTLTQEKWGW EEITYDMPFR KEKSFEIVFM VLKNKFQVAV
NGRHVLLYAH RISPEQIDTV GIYGKVNHS IGRFSSDLQSMETSALGLT QINRENIQKP GKLQLSLPFE
ARLNASMGPG RTVVIKGEVN TNARSFNVDL VAGKTRDIAL HLNPRNLVKA FVRNSFLQDA WGEERNITC
PFSSGMYFE MIIYCDVREF KVAINGVHSL EYKHRFKDLS SIDTSLVDGD IRLLDVRSW.

Biological Activity:

The ED50 for this effect is $\leq 2\mu\text{g/ml}$. Measured by its ability to agglutinate human red blood cells.