

32-1232: mLGALS8 Recombinant Protein

Alternative Name : Galectin-8, Gal-8, LGALS-8, AI326142, D13Erd524e, 1200015E08Rik.

Description

Source : Escherichia Coli. 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. LGALS8 is a prostate-specific antigen that is solely overexpressed in malignant tumors and thus is a supplementary specific identifier of malignancies. LGALS8 is part of the galectin gene family which facilitates both cell-cell and cell matrix interactions in a method parallel to the selectin subgroup of C-type lectins.

Product Info

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| Amount : | 10 µg |
| Purification : | Greater than 90.0% as determined by SDS-PAGE. |
| Content : | The LGALS8 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. |
| Storage condition : | 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 : | MGSSHHHHH SSGLVPRGSH MGSMLSLNNL QNIIYNPIIP YVGTITEQLK PGSLIVIRGH VPKDSERFQV DFQLGNSLKP RADVAFHFNP RFKRSSCIVC NTLTQEKWGW EEITYDMPFR KEKSFEIVFM VLKNKFQVAV NGRHVLLYAH RISPEQIDTV GIYGKVNHS IGFRFSSDLQSMETSALGLT QINRENIQKP GKLQLSLPFE ARLNASMGPG RTVVIKGEVN TNARSFNVDL VAGKTRDIAL HLNPRNLNKA FVRNSFLQDA WGEEERNITC FPFSSGMYFE MIIYCDVREF KVAINGVHSL EYKHRFKDLS SIDTSLVDGD IRLLDVRSW. |

Application Note

The ED50 for this effect is 3.9-15.63 ug/ml. Measured by its ability to agglutinate human red blood cells.

