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32-1231: LGALS8 His Recombinant Protein

Alternative Name : Gal-8,PCTA1,Po66-CBP,Prostate carcinoma tumor antigen 1.

Description

Source : Escherichia Coli. LGALS8 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 337 amino acids (1-317 a.a.) and having a molecular mass of 37.9 kDa. The LGALS8 is fused to a 20 amino acid His-Tag at N-terminus and 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

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The Galectin-8 His tag 0.5mg/ml protein solution contains 20mM Tris-HCl pH-8, 0.1M NaCl, 10% glycerol & 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 :	MGSSHHHHHH SSGLVPRGSH MMLSLNNLQN IIYNPVIPFV GTIPDQLDPG TLIVIRGHVP SDADRFQVDL QNGSSMKPRA DVAFHFNPRF KRAGCIVCNT LINEKWGREE ITYDTPFKRE KSFEIVIMVL KDKFQVAVNG KHTLLYGHRI GPEKIDTLGI YGKVNIHSIG FSFSSDLQST QASSLELTEI SRENVPKSGT PQLRLPFAAR LNTPMGPGRT VVVKGEVNAN AKSFNVDLLA GKSKDIALHL NPRLNIKAFV RNSFLQESWG EEERNITSFP FSPGMYFEMI IYCDVREFKV AVNGVHSLEY KHRFKELSSI DTLEINGDIH LLEVRSW.

Application Note

The ED50 for this effect is 5Ã¢â¬â10ug/ml. Measured by its ability to agglutinate human red blood cells corresponding to a specific activity of 100-200IU/mg.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.