

LGALS8, 1-316 aa, mouse, His tag, E.coli

Cat.NO.: TP02817

3th Edition

Synonyms:Lectin, galactose binding, soluble 8, 1200015E08Rik, AI326142, D13Ert524e, Lgals-8.

Description:LGALS8, also known as prostate-specific membrane antigen (PCTA1), is an additional prostatespecific antigen that is overexpressed only in malignant tumors and therefore is a more specific identifier of malignancies. It is a member of the galectin gene family which mediates both cell-cell and cell matrix interactions in a manner similar to the selectin subgroup of C-type lectins.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:38 KDa (339aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSM LSLNNLQNIINPIIPYVGTITEQLKPGSLIVIRGHV PKDSERFQVDFQLGNSL
KPRADVAFHFNPRFKRSSCIVCNTLTQEKGWEEITYDMPFRKEKSFEIVFMVLKNKFQVAVNGRHVLLY AHRISP
EQIDTVGIYGKVNHSIGFRFSSDLQSMETSALGLTQINRENIQKPGKLQLSLPFEARLNASMGPGRTVVIKGEVNTN
ARSFNVDLVAGKTRDIALHLNPRNLNVKAFVRNSFLQDAWGEEERNITCFPFSSGMYFEMIIYCDVREFKVAINGVHS
LEYKHRFKDLSSIDTLSVDGDIRLLDVRSW

Purity:> 95% by HPLC

Concentration:0.5 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.