

Recombinant Human LGALS3BP, T7-tagged

Cat. No. LGALS3BP-1544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS3BP was expressed in <i>E. Coli</i> using an N-terminal T7 tag. MW= 65.2 kDa.
Species	Human
Source	E.coli
Description	The galectins are a family of β -galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1.
Sequence	19-585.
Purity	95%.
Specific Activity	n/aH.
Preparation	0.1mg/0.5 ml.
Applications	E, WB, MS.

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Buffer	10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN ₃ , 10mM DTT.
Storage	Store at -70°C. As with any protein, exposing LGALS3BP recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.
SDS-PAGE	SDS PAGE Analysis of LGALS3BP Recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.

GENE INFORMATION

Gene Name	LGALS3BP lectin, galactoside-binding, soluble, 3 binding protein [Homo sapiens]
Synonyms	LGALS3BP; lectin, galactoside-binding, soluble, 3 binding protein; 90K; BTBD17B; MAC-2-BP; L3 antigen; galectin 3 binding protein; serum protein 90K; Mac-2-binding protein
Gene ID	3959
mRNA Refseq	NM_005567
Protein Refseq	NP_005558
MIM	600626
UniProt ID	Q08380
Chromosome Location	17q25

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Function protein binding; scavenger receptor activity

PDB rendering based
on 1by2.



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