

Recombinant Human LGALS3BP, T7 -tagged

Cat. No. LGALS3BP-26801TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 19-585 of human LGALS3BP with a T7 tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	19-585 a.a.
Description	The galectins are a family of beta-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.
Conjugation	T7
Tissue specificity	Ubiquitous. Detected in body fluids such as semen, milk, serum, tears, saliva and urine. Expressed by keratinocytes and fibroblasts.
Form	Liquid

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Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, 10mM DTT, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Contains 1 BACK (BTB/Kelch associated) domain. Contains 1 BTB (POZ) domain. Contains 1 SRCR domain.

GENE INFORMATION

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

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Function

scavenger receptor activity;

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