

## Product datasheet for **TP726923**

### Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Galectin-3/LGALS3 (C-6His, Human Cells)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala2-Ile250
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4, 3mM DTT.
Note:	Recombinant Human Galectin-3 is produced by our Mammalian expression system and the target gene encoding Ala2-Ile250 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	Galectin-3(LGALS3) is also known as Galactose-specific lectin 3, Mac-2 antigen, Carbohydrate-binding protein 35, Laminin-binding protein and Galactoside-binding protein. LGALS3 is highly expressed in early stages of papillary carcinoma, and lowly during tumor progression. LGALS3 is probably forms homo- or heterodimers and secreted by a non-classical secretory pathway and associates with the cell surface. LGALS3 plays an important role during the acquisition of vasculogenic mimicry and angiogenic properties. LGLAS3 takes part in an immune regulator to inhibit T-cell immune responses and promote tumor growth, as a result providing a new mechanism for tumor immune tolerance.



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