

GALECTIN-3

Galectin-3 is a protein that in humans is encoded by the LGALS3 gene. Galectin-3 is a member of the lectin family, of which 14 mammalian galectins have been identified.

Galectin-3 is approximately 30 kDa and, like all galectins, contains a carbohydrate-recognition-binding domain (CRD) of about 130 amino acids that enable the specific binding of β -galactosides.

Galectin-3, also known as Mac-2, L29, CBP35, and etaBP, is a secreted lectin that acts in anti-microbial immunity by pathogen opsonization, macrophage recruitment, and the activation of mast cells and neutrophils. It can also contribute to chronic inflammation and fibrosis. It is implicated in neuroinflammatory disorders of the central nervous system, cardiac fibrosis, and heart failure, as well as tumor growth, progression, and metastasis.

Description	Abbr.	Cat No.	Remarks
Recombinant human Galectin-3	GL3	SDZ900070	Control
Mouse anti-human GL3 monoclonal antibodies	mAb-GL3	SDZ7100700	EIA