



# Recombinant Rat Galectin-3 (Lgals3)

<b>Product Code</b>	CSB-EP012887RA
<b>Relevance</b>	Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. In the nucleus: acts as a pre-mRNA splicing factor. Involved in acute inflammatory responses including neutrophil activation and adhesion, chemoattraction of monocytes macrophages, opsonization of apoptotic neutrophils, and activation of mast cells. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis.
<b>Abbreviation</b>	Recombinant Rat Lgals3 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P08699
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	ADGFSLNDALAGSGNPNPQGWPGAWGNQPGAGGYPGASYPGAYPGQAPP GGYPGQAPPSAYPGPTGPSAYPGPTAPGAYPGPTAPGAFFGQPGGPGAYPS APGAYPSAPGAYPATGPFGAPTGPLTVPYDMPLPGGVMPRMLITIIGTVKPNA NSITLNFKKGNDAIFHFNPRFNENRRVIVCNTKQDNNWGREERQSAFPFESG KPFKIQVLEADHFKVAVNDVHLLQYNHRMKNLREISQLGIIGDITLTSASHAMI
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	Lgals3
<b>Protein Names</b>	35KDA lectin Carbohydrate-binding protein 35
<b>Expression Region</b>	2-262aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	31.1 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	

