

## Product datasheet for **TP308785L**

### Galectin 3 (LGALS3) (NM\_002306) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lectin, galactoside-binding, soluble, 3 (LGALS3), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208785 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MADNFSLHDALSGSGNPNPQGWPWAWGNQPAGAGGYPGASYPGAYPGQAPPGAYPGQAPPGAYHGAPGAY PGAPAPGVYPGPPSGPGAYPSSGQPSAPGAYPATGPYAPAGPLIVPYNLPLPGGWWPRMLITILGTVKP NANRIALDFQRGNDVAFHFNPRFNENRRVIVCNTKLDNNWGREERQSVFPFESGKPKFKIQVLVEPDHFK VAVNDAHLLQYNHRVKKLNEISKLGISGDIDLTSASYTMI  <b>TRTRPLEQLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	26 kDa
Concentration:	>0.1 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_002297</a></u>
Locus ID:	3958



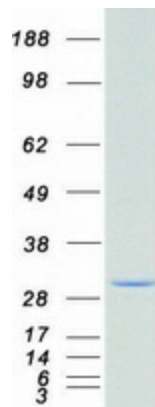
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UniProt ID: [P17931](#), [A0A024R693](#)  
RefSeq Size: 1017  
Cytogenetics: 14q22.3  
RefSeq ORF: 750  
Synonyms: CBP35; GAL3; GALBP; GALIG; L31; LGALS2; MAC2

**Summary:** This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2014]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified LGALS3 protein (Cat# [TP308785]). The protein was produced from HEK293T cells transfected with LGALS3 cDNA clone (Cat# [RC208785]) using MegaTran 2.0 (Cat# [TT210002]).