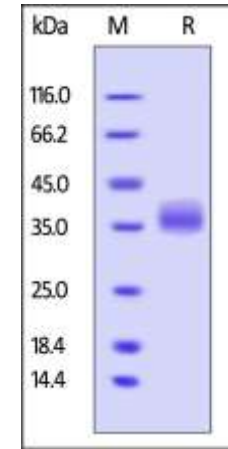


Human CellExp™ Galectin-3, Human Recombinant

CATALOG NO:	P1185-10 P1185-50	10 µg 50 µg
ALTERNATE NAMES:	Galectin-3, LGALS3, MAC2, Gal-3, 35 kDa lectin, CBP 35, GALBP, IgE-binding protein, L-31, Laminin-binding protein, Lectin L-29, Mac-2 antigen	
SOURCE:	HEK 293 cells (Met 1 - Ile 250)	
PURITY:	> 95% by SDS – PAGE	
MOL. WEIGHT:	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 27.5 kDa. The protein migrates as 35-41 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.	
ENDOTOXIN LEVEL:	< 1.0 EU per 1µg of protein (determined by LAL method)	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 50 µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% (W/V) HSA or BSA) is recommended for further dilution and long term storage. Do not vortex. This solution can be stored at 2-8°C for up to 1 month.	
DESCRIPTION:	Galectin-3 (Gal-3) is also known as LGALS3, 35 kDa lectin, Carbohydrate-binding protein 35 (CBP 35), Galactose-specific lectin 3, Galactoside-binding protein (GALBP), IgE-binding protein, Laminin-binding protein, Mac-2 antigen, Lectin L-29. Galectin-3 is a member of the lectin family. LGALS3 / Galectin-3 is expressed in the nucleus, cytoplasm, mitochondrion, cell surface, and extracellular space. LGALS3 / Galectin-3 has been shown to be involved in the following biological processes: cell adhesion, cell activation and chemoattraction, cell growth and differentiation, cell cycle, and apoptosis.	



Human Galectin-3, His Tag on SDS-PAGE
under reducing (R) condition

RELATED PRODUCT:

- Galectin-4, human recombinant (**Cat. No. 7364-100**)
- Galectin-9, human recombinant (**Cat. No. 7365-50**)
- Galectin-3, human recombinant (**Cat. No. 4684-50**)
- Galectin-7, human recombinant (**Cat. No. 1135-100**)
- Galectin-1, human recombinant (**Cat. No. 4648-10**)
- Galectin-1 Antibody (**Cat. No. 3596-100**)
- Galectin-3 Antibody (**Cat. No. 5684-100**)
- Galectin-9 Antibody (**Cat. No. 3827-10**)
- Galectin-9 Blocking Peptide (**Cat. No. 3827BP-50**)

FOR RESEARCH USE ONLY! Not to be used on humans.