



Alternname:	Galectin-3; Gal-3; 35 kDa Lectin; Carbohydrate-Binding Protein 35; CBP 35; Galactose-Specific Lectin 3; Galactoside-Binding Protein; GALBP; IgE-Binding Protein; L-31; Laminin-Binding Protein; Lectin L-29; Mac-2 Antigen; LGALS3; MAC2
Storage/Stability:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Background:	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. LGALS3 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.
Species:	Human
	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/ml.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Endotoxin:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Purity:	Greater than 95% as determined by reducing SDS-PAGE.
Description:	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.
Product State:	Lyophilized
Ship Description:	The product is shipped at ambient temperature.
Formulation:	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 3mM DTT.
Expression system:	Human cells