

## RPCB1418

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**Product Information**

<b>Product SKU:</b>	RPCB1418	<b>Gene ID:</b>	3963	<b>Size:</b>	10µg
<b>Tag:</b>	No tag	<b>Reactivity:</b>	Human		

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**Additional Information**

<b>Expression Host:</b>	E. coli	<b>Swissprot:</b>	P47929
<b>Purity:</b>	> 95% by SDS-PAGE.		

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**Protein Information**

**Background:** The Galectin family of proteins, with specificity for N-acetyllactosamine containing glycoproteins, consists of beta-galactoside binding lectins containing homologous carbohydrate recognition domains (CRDs). They also possess hemagglutination activity, which is attributable to their bivalent carbohydrate binding properties. Galectins are active both intracellularly and extracellularly. Although they are localized primarily in the cytoplasm and lack a classical signal peptide; they can be secreted by one or more as yet unidentified non-classical secretory pathways. They have diverse effects on many cellular functions including adhesion, migration, polarity, chemotaxis, proliferation, apoptosis, and differentiation. Galectins may play a key role in many pathological states, including autoimmune diseases, allergic reactions, inflammation, tumor cell metastasis, atherosclerosis, and diabetic complications.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Galectin-7/LGALS7 Protein, tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM EDTA, 5% Trehalose, pH8.0. Contact us for customized product form or formulation.

**Storage:**

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.