


Human Galectin-3 Protein, His tag (Animal-Free)

Cat #: PRP1084

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human Galectin-3 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1084	LOT	Lot Number: Refer to product label
	Purity: > 95 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Galectin-3 (Gal-3) is one of the lectin family members, which is the only chimera-type galectin, containing one carbohydrate recognition domain (CRD) connected to a long, flexible N-terminal domain. The C-terminal CRD is responsible for β -galactoside binding, and the N-terminal domain is essential for its multimerization, and interaction with other intracellular proteins.

Sequence: Amino acid sequence derived from Human Galectin-3 (Ala2-Ile250) (P17931) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Human Galectin-3 consists of 249 amino acids and predicts a molecular mass of 27 kDa.

Biological Activity: Measured by its ability to chemoattract human PBMC using a concentration range of 2.5-25 µg/mL.

Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH 7.4.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA, 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.

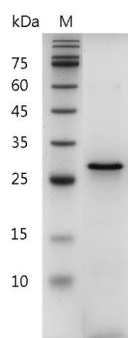


Fig. SDS-PAGE analysis of Human Galectin-3 Protein.

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