


Human Galectin-10 Protein, His tag (Animal-Free)

Cat #: PRP1929

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human Galectin-10 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1929	LOT	Lot Number: Refer to product label
	Purity: > 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: <i>E.coli</i>
	Shipping: The product is shipped at ambient temperature.		

Background: Galectin-10 (also called Charcot-Leyden Crystal protein) is expressed solely in eosinophilic and basophilic leukocytes. This protein regulates immune responses through the recognition of cell-surface glycans. Essential for the anergy and suppressive function of CD25-positive regulatory T-cells.

Sequence: Amino acid sequence derived from Human Galectin-10 (Ser 2-Arg 142) (Q05315) was expressed with 6xHis tag at the N-terminus.

Protein length: The recombinant Human Galectin-10 consists of 141 amino acids and predicts a molecular mass of 36.7 kDa.

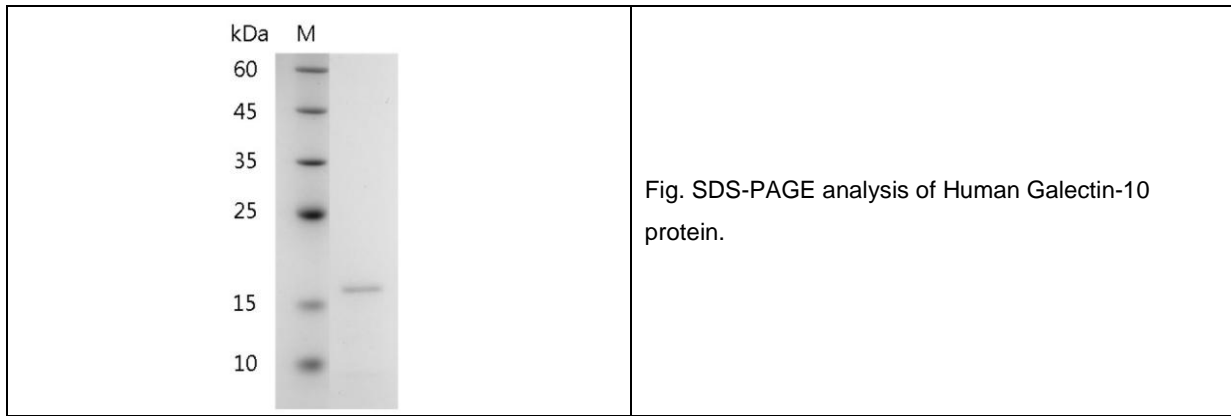
Biological Activity: Measure by its ability to chemoattract human THP1 cells using a concentration range of 0.2-25 µg/mL.

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.



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