

PRODUCT INFORMATION

Galectin-10, Human

Catalog number	C01163-5UG / C01163-20UG / C01163-100UG
Package	5 µg / 20 µg / 100 µg
Description	Galectin-10 (also called Charcot-Leyden Crystal protein) is a 16 kDa member of the galectin family of β -Galactoside binding proteins that bind to S-type animal lectins, 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.
Source	<i>Escherichia coli</i>
Sequence	SLLPVPYTEAASLSTGSTVTIKGRPLACFLNEPYLQVDFHTEMKEESDIVFHFQV CFGRRVVMNSREYGAWKQQVESKNMPFQDQGQEFELSISVLPDKYQVMVNGQ SSYTFDHRİKPEAVKMQVWRDISLTKFNVSYLKR with polyhistidine tag at the N-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human Galectin-10

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