

PRODUCT INFORMATION

Galectin-10, Human

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| 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 SSYTFDHRIKPEAVKMQVWRDISLTKFNVSYLKR 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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