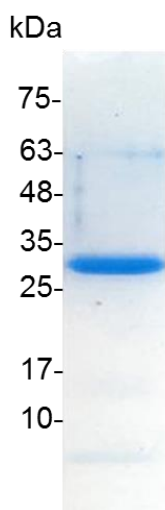


PRODUCT INFORMATION

Galectin-3, Human

Catalog number	C01158-5UG / C01158-20UG / C01158-100UG
Package	5 µg / 20 µg / 100 µg
Description	Galectin-3 is a protein that in humans is encoded by the LGALS3 gene. Galectin-3 is a member of the lectin family, of which 14 mammalian galectins have been identified. This protein has been shown to be involved in the following biological processes: cell adhesion, cell activation and chemoattraction, cell growth and differentiation, cell cycle, and apoptosis. Besides, Galectin-3 associates with the primary cilium and modulates renal cyst growth in congenital polycystic kidney disease.
Source	<i>Escherichia coli</i>
Sequence	ADNFSLHDALSGSGNPNPQGWPAGWGNQPAGAGGYPGASYPGAYPGQAPP GAYPGQAPPAYPGAPGAYPGAPAPGVYPPSGPGAYPSSGQPSATGAYP ATGPYAGAPGLIVPYNLPLPGGVVPRMLITILGTVKPNANRIALDFQRGNDVAF HFNPRFNENRRVIVCNTKLDNNWGREERQSVFPFESGKPFKIQVLVEPDHFK VAVNDAHLLQYNHRVKKLNEISKLGISGDIDLTASAYTMI with polyhistidine tag at the N-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measured by its ability to agglutinate human red blood cells. The ED ₅₀ for this effect is <8 µg/mL.
Purity	>95% 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-3

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