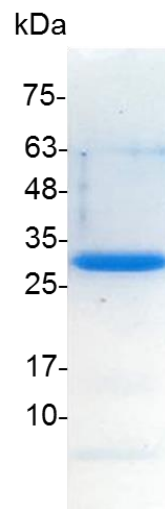


Galectin-3, Human

v. 231001

Catalog number	C01158-5UG / C01158-20UG / C01158-100UG
Package	5 µg / 20 µg / 100 µg
Description	<p>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.</p>
Source	<i>Escherichia coli</i>
Sequence	<p>ADNFSLHDALSGSGNPNPQGWPAGWGNQPAGAGGYPGASYPGAYPGQAPP GAYPGQAPPGAYPGAPGAYPGAPAGVYPPGPPSGPGAYPSSGQPSATGAYP ATGPYGAPAGPLIVPYNLPLPGGVVPRMLITILGTVKPNANRIALDFQRGNDVAF HFNPRFNENRRRVIVCNTKLDNNWGREERQSVFPFESGKPFKIQLVLEPDHFK VAVNDAHLLQYNHRVKKLNEISKLGISGDIDLTSASYTMI with polyhistidine tag at the N-terminus</p>
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.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p>



SDS-PAGE analysis of recombinant human Galectin-3

For research use only.