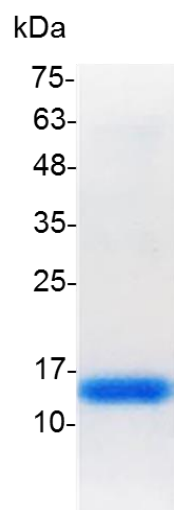


PRODUCT INFORMATION

Galectin-1, Human

Catalog number	C01156-5UG / C01156-20UG / C01156-100UG
Package	5 µg / 20 µg / 100 µg
Description	<p>The galectin-1 protein is 135 amino acids in length and highly conserved across species. It can be found in the nucleus, the cytoplasm, the cell surface and in the extracellular space. Galectins, in general, lack a traditional signal sequence but are still secreted across the plasma membrane. Although galectins in general, and Gal-1 in particular, were first described as lectins that bind β-galactosides, it is now clear from the literature that as well as being a lectin, Gal-1 is also engaged in many protein-protein interactions. Gal-1 plays a number of crucial roles in neuronal cell differentiation and survival in both the central and the peripheral nervous systems, and the establishment and maintenance of T-cell tolerance and homeostasis in vivo.</p>
Source	<i>Escherichia coli</i>
Sequence	ACGLVASNLNLKPGECLRVGEVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHG DANTIVCNSKDGGAWGTEQREAVFPFQPGSVAEVCITFDQANLTVKLPDGYEF KFPNRLNLEAINYMAADGDFKIKCVAFD 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 <2 µg/mL.
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-1

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