

PRODUCT INFORMATION

Galectin-16, Human

Catalog number	C01167-5UG / C01167-20UG / C01167-100UG
Package	5 µg / 20 µg / 100 µg
Description	There are 16 human galectin genes are expressed at the maternal-fetal interface and demonstrate that a cluster of 5 galectin genes. Three of the human cluster genes (LGALS13, -14, and -16) were found to be placenta-specific. Galectin-16 is found in primates. It is a placenta-specific galectin that induces the apoptosis of T lymphocytes, which may reduce the danger of maternal immune attacks on the fetal semi-allograft during the long gestation of anthropoid primates.
Source	<i>Escherichia coli</i>
Sequence	SFLTVPYKLPVLSVSGSCVVIKGTLDSSINEPQLQVDFYTEMNEDSEIAFHRLRVH LGRRVVMNSREFGIWMLEENLHYVPFEDGKPFDLRIYVCLNEYEVKVNGEYIYA FVHRIPPSYVKMIQVWRDVSLSVLVNNRGR with polyhistidine tag at the Nterminus
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-16

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