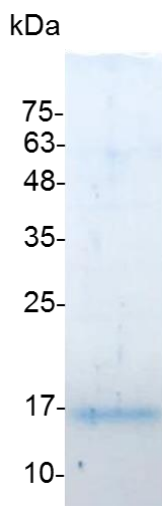


## PRODUCT INFORMATION

**Galectin-13, Human**

<b>Catalog number</b>	C01165-5UG / C01165-20UG / C01165-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	Galectins are a class of proteins that bind specifically to β-galactoside sugars. There have been 15 galectins discovered in mammals, encoded by the LGALS genes. Only galectin-1, -2, -3, -4, -7, -8, -9, -10 and -12 have been identified in humans. Galectin-13, also known as placental protein 13, is a placenta-specific galectin that induces the apoptosis of T lymphocytes, which may reduce the danger of maternal immune attacks on the fetal semiallograft during the long gestation of anthropoid primates.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	SSLPVYPYKLPVSLSVGSCVIIKGTPIHSFINDPQLQVDFYTDMEDESDIAFRFRVH FGNHVVMNRREFGIWMLEETTDYVPFEDGKQFELCIYVHYNEYEIKVNGIRIYG FVHRIPPSFVKMVQSRDISLTSVCVCN with polyhistidine tag at the N-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> 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.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human Galectin-13

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