

Galectin-13, Human

v. 231001

Catalog number	C01165-5UG / C01165-20UG / C01165-100UG
Package	5 µg / 20 µg / 100 µg
Description	<p>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.</p>
Source	<i>Escherichia coli</i>
Sequence	<p>SSLPVPYKLPVSLSVGSCVIIKGTPIHSFINDPQLQVDFYTDMEDESDIAFRFRVH FGNHVVMNRREFGIWMLEETTDYVPFEDGKQFELCIYVHYNEYEIKVNGIRIYG FVHRIPPSFVKMVQVSRDISLTSVCVCN with polyhistidine tag at the N-terminus</p>
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
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	<p>It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.</p>
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-13

For research use only.