

RMCH159

Recombinant Galectin-16, Human , AF



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 5ug;20ug;100ug;500ug;**Synonym/Alternative name(s) :** LGALS16**Activity :** N/A**Protein 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.

Protein Accession : PDB: 6LJP_A**Gene ID :** 148003**Expression Sequence:**

SFLTVPYKLPVSLVSGSVIIKGTLDSSINPQLQVDFYTEMNEDSEIAFHRLRVHLGRRVVMNSREFGIWMLEENLHYVPFEDGKPFDLRI YVCLNEYEVKVNGEYIYAFVHRIPPSYVKMIQVWRDVSLSVLVNNRR with polyhistidine tag at the N-terminus.

Fusion tag : His-tag?at?the?N-terminus**Species :** Human**Reactivity :** Human**Expression Host :** Escherichia coli**Source :** E. coli**Purity/method:**

>98% as determined by SDS-PAGE. Ni-NTA chromatography

Endotoxin level:

<0.1 EU per 1 µg of the protein by the LAL method.

Calculated Molecular Weight : 17.4 kDa**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 H₂O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping : Blue Ice**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.

Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant human Galectin-16