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32-7521: Recombinant Human CD5 Antigen-Like/CD5L/Sp a/AIM (C-6His)(Discontinued)

Gene : CD5L
Gene ID : 922
Uniprot ID : O43866

Description

Source: Human Cells.
MW :37.09kD.
Recombinant Human CD5 Antigen-Like is produced by our Mammalian expression system and the target gene encoding Ser20-Gly347 is expressed with a 6His tag at the C-terminus. CD5 Antigen-Like (CD5L) is a soluble protein that belongs to group B of the scavenger receptor cysteine-rich (SRCR) superfamily and contains three SRCR domains. CD5L is a secreted glycoprotein and expressed by macrophages presentin lymphoid tissues. It binds to myelomonocytic and lymphoid cells and may play an important role in the regulation of the innate and adaptive immune systems. CD5L functions as a pattern recognition molecule by binding both lipoteichoic acid (LTA) on Gram positive and lipopolysaccharide (LPS) on Gram-negative bacteria and the SRCR domain one of CD5L retains both the LPS and LTA binding activities. Furthermore, CD5L seems to play a role as an inhibitor of apoptosis.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	SPSGVRLVGGLHRCEGRVEVEQKGQWGTVCDDGWDIKDVAVLCRELGCGAASGTPSGILYEPPAEKEQKVLI QSVSCTGTEDTLAQCEQEEVYDCSHDEDAGASCENPESSFSPVPEGVRLADGPGHCKGRVEVKHQNQWYTV CQTGWSLRAAKVVCRQLGCGRAVLTQKRCNKHAYGRKPIWLSQMSCSGREATLQDCPSGPWGKNTCNHDE DTWVECEDPFDLRLVGGDNLCSGRLEVLHKGVWGSVCDDNWGEKEDQVVCKQLGCGKSLSPSFRDRKCYG PGVGRIWLDNVRCSGEEQSLEQCQHRFWGFHDCTHQEDVAVICSGVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.