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32-7396: Recombinant Human PRV1/CD177(C-6His)

Gene : CD177
Gene ID : 57126
Uniprot ID : Q8N6Q3

Description

Source: Human Cells.
MW :42.33kD.
Recombinant Human CD177 is produced by our Mammalian expression system and the target gene encoding Leu22-Gly407 is expressed with a 6His tag at the C-terminus. CD177 is polymorphic and has at least two alleles: PRV1 and NB1. Human PRV1 is a Glycosyl-Phosphatidylinositol (GPI)-linked cell surface glycoprotein that belongs to the uPAR/CD59/Ly6 family of receptors. PRV1 is expressed by neutrophils and neutrophil precursors,and changes in expression serve as diagnostic markers for myeloproliferative disorders such as polycythemia vera and essential thrombocythemia. PRV1 may also be expressed by Erythroblasts, B cells, and Monocytes. NB1, a Glycosyl-Phosphatidylinositol (GPI)-linked cell surface glycoprotein, was first described in a case of neonatal alloimmune neutropenia. It is reported that CD177 functions as a novel heterophilic binding partner that engages PECAM-1 in membrane-proximal IgD6.

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 :	LLCQFGTVQHVWKVSDLPRQWTPKNTSCDSGLGCQDTLMLIESGPQVSLVLSKGCTEAKDQEPRVTEHRMGP GLSLISYTFVCRQEDFCNNLVNSLPLWAPQPPADPGSLRCPVCLSMEGCLEGTTEEICPKGTTHCYDGLLRLRG GGIFSNLRVQGCMPQPGCNLLNGTQEIGPVGMTENCNRKDFLTCHRGTTIMTHGNLAQEPTDWTTSNTEMCE VGQVCQETLLLLDVGLTSTLVGTKGCSTVGAQNSQKTTIHSAPPGVLVASYTHFCSSDLCNSASSSSVLLNSLP PQAAPVPGDRQCPTCVQPLGTCSSGSPRMTCPRGTTHCYDGYIHLSGGGLSTKMSIQGCVAQPSSFLLNHTRQ IGIFSAREKRDVQPPASQHEGVDHHHHHH

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.