

32-9286: Recombinant Human CD5L (C-6His)

Alternative Name : CD5 Antigen-Like; CT-2; IgM-Associated Peptide; SP-Alpha; CD5L; API6

Description

Source : Human Cells;

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 present in 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 : 500 µg / 50 µg

Purification : Greater than 95% as determined by reducing SDS-PAGE.

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Amino Acid : 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.