

32-1863: CCL3L1 Recombinant Protein

Alternative Name : C-C motif chemokine 3-like 1,G0/G1 switch regulatory protein 19-2,LD78-beta(1-70),PAT 464.2,Small-inducible cytokine A3-like 1,Tonsillar lymphocyte LD78 beta protein,CCL3L1,D17S1718,G0S19-2,SCYA3L1,LD78,464.2,SCYA3L,LD78BETA,MGC12815.

Description

Source : Escherichia Coli. CCL3L1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 70 amino acids and having a molecular mass of 7.7kDa. The CCL3L1 is purified by proprietary chromatographic techniques. CCL3L1 is a small cytokine that belongs to the CC chemokines. The CCL3L1 gene is one of several cytokine genes clustered on the q-arm of chromosome 17. CCL3L1 is involved in immunoregulatory and inflammatory processes. CCL3L1 binds to several chemokine receptors including CCBP2 and CCR5. CCR5 is a co-receptor for HIV, and binding of the CCL3L1 protein to CCR5 inhibits HIV entry.

Product Info

Amount : 20 µg
Purification : Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content : Lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH 7.4.
Storage condition : Lyophilized CCL3L1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL3L1 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid : APLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPSV IFLTKRGRQV CADPSEEWVQ KYVSDLELSA.

Application Note

It is recommended to reconstitute the lyophilized CCL3L1 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. The biological activity was determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/ml.

