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CCL3L1 Human

LD78-beta (CCL3L1) Human Recombinant
CHK0016

Product Overview

Name	CCL3L1 Human
Description	
LD78-beta (CCL3L1) Human Recombinant	
Accession (Primary)	P16619
Synonyms	
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a 0.2 μm filtered concentrated solution in 1xPBS, pH 7.4.	
Stability	
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.	
Purity	
Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
APLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPSV IFLTKRGRQV CADPSEEWVQ KYVSDLELSA.	
Biological Activity	

The biological activity was determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/ml.

Solubility

It is recommended to reconstitute the lyophilized CCL3L1 in sterile 18M-cm H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

CCL3L1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16619)