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## Product Data Sheet

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Product Name: CCL3L1 Human, His  
 Cat. No.: GP21076  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPSV IFLTKRGRQV CADPSEEWVQ KYVSDLELSA.		
Formulation	The CCL3L1 solution (0.25 mg/ml) contains Phosphate Buffered Saline pH7.4 containing 10% glycerol.		

### 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.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

CCL3L1 Human Recombinant fused with a 22 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 90 amino acids (26-93 a.a.) and having a molecular mass of 10kDa. The CCL3L1 is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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