



Recombinant Human LD78-beta/CCL3L1

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-235S
Size:	5 µg
Lot. No.:	According to product label

Sequence

APLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPSV
IFLTKRGRQV CADPSEEWVQ KYVSDLELSA

Database References

Protein RefSeq:	NP_066286.1
Uniprot ID:	P16619
mRNA RefSeq:	NM_021006.4

Scientific Background

Gene-ID (NCBI):	6349
Synonyms:	CCL3L1

LD78-beta is a CC chemokine that is closely related to MIP-1 alpha. It signals through the CCR5 receptor and the beta-chemokine receptor, D6. LD78-beta has been shown to exhibit potent activity in HIV suppression assays. Recombinant human LD78-beta is a 7.7 kDa protein containing 70 amino acid residues, including the four conserved cysteine residues present in CC chemokines.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	70
MW:	7.7 kDa

Biological Activity: Determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!