

Active Recombinant Human CCL3 Protein

Cat. No. CCL3-0636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCL3 (P10147, 24 a.a. - 92 a.a.) partial recombinant protein expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	24-92 a.a.
Description	This locus represents a small inducible cytokine. The encoded protein, also known as macrophage inflammatory protein 1 alpha, plays a role in inflammatory responses through binding to the receptors CCR1, CCR4 and CCR5. Polymorphisms at this locus may be associated with both resistance and susceptibility to infection by human immunodeficiency virus type 1.[provided by RefSeq, Sep 2010]
Form	Lyophilized
Bio-activity	Determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/mL.
Molecular Mass	8 kDa
AA Sequence	SLAADTPTACCF SYTSRQIPQNF IADYFETSSQC SKPGVIFLTKRSRQVCADPSEEW VQKYVSDLELSA

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Endotoxin	< 0.1 ng/μg (1 EU/μg)
Purity	> 90% by SDS-PAGE and HPLC
Applications	Functional Study SDS-PAGE
Storage	Store at -20 centigrade on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4 centigrade for 1 month or store at -20 centigrade for 6 months. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	Lyophilized from PBS, pH 7.5

GENE INFORMATION

Gene Name	CCL3 chemokine (C-C motif) ligand 3 [Homo sapiens]
Official Symbol	CCL3
Synonyms	CCL3; chemokine (C-C motif) ligand 3; SCYA3, small inducible cytokine A3 (homologous to mouse Mip 1a); C-C motif chemokine 3; G0S19 1; LD78ALPHA; MIP 1 alpha; SIS-beta; PAT 464.1; G0/G1 switch regulatory protein 19-1; macrophage inflammatory protein 1-alpha; tonsillar lymphocyte LD78 alpha protein; small inducible cytokine A3 (homologous to mouse Mip-1a); MIP1A; SCYA3; G0S19-1; MIP-1-alpha;
Gene ID	6348
mRNA Refseq	NM_002983
Protein Refseq	NP_002974

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MIM	182283
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UniProt ID	P10147
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