

Recombinant Equine Chemokine (C-C motif) Ligand 3

Cat. No. CCL3-140E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Equine CCL3 protein was expressed in Yeast and purified by using Ion-exchange chromatography, 7.9 kDa (70 aa).
Species	Equine
Source	Yeast
Description	Macrophage inflammatory protein-1 is a so-called monokine that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes. Sherry et al. (1988) demonstrated 2 protein components of MIP1, called by them alpha and beta.
Sequences Of Amino Acids	VPFGADTPTA CCFSYVSRQI PRKFINDYYE TSSQCCKPAI IFQTKRSRQV CADPSEAWVQ EYVTDLELSA.
Formulation/Reconstitution	Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Purity	>95% as visualized by SDS-PAGE analysis.
Purification	Ion-exchange chromatography.
Biological Activity	In testing.
Storage	Stable for up to twelve months from date of receipt at -20°C. Stable for at least

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	3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.
Pathways	Chemokine signaling pathway; Cytokine-cytokine receptor interaction
GENE INFORMATION	
Gene Name	CCL3 chemokine (C-C motif) ligand 3 [<i>Equus caballus</i>]
Synonyms	CCL3; chemokine (C-C motif) ligand 3; MIP-1alpha; chemokine (C-C motif) ligand 3; macrophage inflammatory protein 1 alpha
Gene ID	100057909
mRNA Refseq	NM_001114941
Protein Refseq	NP_001108413
Chromosome Location	11
PDB rendering based on 1b50	