

## Recombinant Equine Chemokine (C-X-C motif) Ligand 9

**Cat. No.** CXCL9-143E    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Equine CXCL9 protein was expressed in Yeast and purified by using Ion-exchange chromatography, 12.0 kDa (104 aa).
<b>Species</b>	Equine
<b>Source</b>	Yeast
<b>Description</b>	Chemokine (C-X-C motif) ligand 9 (CXCL9) is a small cytokine belonging to the CXC chemokine family that is also known as Monokine induced by gamma interferon (MIG). CXCL9 is a T-cell chemoattractant, which is induced by IFN- $\gamma$ . It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4.
<b>Sequences Of Amino Acids</b>	APVMRKGRCS CIKTSQGTIR PKLLKDLKQF APSPSCETTE IIATMKNGDQ TCLNPDSAEV KELIKEWKQ VSQKKKQKKG KKHQKTKKFP KVKKWQRPRQ KKAT.
<b>Formulation/Reconstitution</b>	Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
<b>Purity</b>	>95% as visualized by SDS-PAGE analysis.
<b>Purification</b>	Ion-exchange chromatography.
<b>Biological Activity</b>	In testing.

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<b>Storage</b>	Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.
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<b>Pathways</b>	Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Toll-like receptor signaling pathway
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## GENE INFORMATION

<b>Gene Name</b>	CXCL9 chemokine (C-X-C motif) ligand 9 [ <i>Equus caballus</i> ]
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<b>Synonyms</b>	CXCL9; chemokine (C-X-C motif) ligand 9
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<b>Gene ID</b>	100057927
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<b>mRNA Refseq</b>	NM_001130078
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<b>Protein Refseq</b>	NP_001123550
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<b>Chromosome Location</b>	3
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