

## Recombinant Ovine CXCL9

**Cat. No.** CXCL9-880    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Ovine CXCL9/MIG was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
<b>Species</b>	Ovine
<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. It is also commonly known as Monokine Induced by Gamma interferon (MIG). CXCL9 (MIG) is a T-cell chemoattractant, which is induced by IFN-gamma. It is closely related to two other CXC chemokines -CXCL10 and CXCL11. There have been 17 different C-X-C chemokines described in mammals, that are subdivided into two categories, those with a specific amino acid sequence (or motif) of glutamic acid-leucine-arginine (or ELR for short) immediately before the first cysteine of the C-X-C motif (ELR-positive), and those without an ELR motif (ELR-negative). ELR-positive C-X-C chemokines specifically induce the migration of neutrophils, and interact with chemokine receptors CXCR1 and CXCR2. C-X-C chemokines that lack the ELR motif are chemoattractant for lymphocytes. CXCL9 (MIG) elicits its effects by binding to the cell surface chemokine receptor CXCR3.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	11.9 kDa
<b>AA Sequence</b>	IPAIRNGRCS CINTSQGMIH PKSIKDLKQF APSPTCEKIE IATVKNGAQ

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VCLNPDLPPEV KELIKEWKQ VNQKKKQRKG KKYKTKKVP KVKRSQRPSQ KKTT  
(104)

**Applications**


The ovine CXCL9/MIG protein can be used in cell culture, as a CXCL9/MIG ELISA Standard, and as a Western Blot Control.

**Storage**

-20 C

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