

Recombinant Ovine IL-8 (CXCL8)

Cat. No. IL8-480 Lot. No. (See product label)

SPECIFICATION

Product Overview	Guinea Pig IL-8 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Ovine
Source	Yeast
Description	Interleukin-8 (IL-8), also known as CXCL8, is a CXC family member chemokine produced by macrophages and other cell types such as epithelial cells. There have been 17 different CXC 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 CXC motif (ELR-positive), and those without an ELR motif (ELR-negative). ELR-positive CXC chemokines such as IL-8 specifically induce the migration of neutrophils, and interact with chemokine receptors CXCR1 and CXCR2.
Form	Lyophilized
Molecular Mass	9.1 kDa
AA Sequence	AVLSRMSTEL RCQCIKTHST PFHPKFIKEL RVIESGPHCE NSEIIVKLTN GKEVCLDPKE KVVQKVVQAF LKRAEKQDP (79)
Applications	The Ovine IL-8 protein can be used in cell culture, as an IL-8 ELISA Standard, and as a Western Blot Control.

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Storage

-20 C

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