

## Recombinant Rabbit IL-8

Cat. No. IL8-30R Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Rabbit IL-8 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.

**Species** Rabbit

**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** AVRSLHCRLQ DAQQKSLVLS GTYELKALHL NAENLNQQVV FSMSFVQGEE  
SNDKIPVALG LRGKNLYLSC VMKDDKPTLQ LESVDPNRYYP KKKMEKRFVF  
NKIEIKDKLE FESAQFPNWY ISTSQTEYMP VFLGNNSGGQ DLIDFSMEFV SS  
(152)

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**Applications** The Rabbit IL-8 protein can be used in cell culture, as an IL-8 ELISA Standard, and as a Western Blot Control.

**Storage** -20 C

## GENE INFORMATION

**Gene Name** [IL8 interleukin 8 \[ Oryctolagus cuniculus \]](#)

**Official Symbol** IL8

**Synonyms** IL8; interleukin 8; interleukin-8; PF1; IL-8; RPF1; NAP-1; permeability factor 1; C-X-C motif chemokine 8; neutrophil attractant/activation protein 1; neutrophil attractant/activation protein-1;

**Gene ID** [100009129](#)

**mRNA Refseq** [NM\\_001082293](#)

**Protein Refseq** [NP\\_001075762](#)

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