

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 FESAQFPNWW 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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