

Recombinant Ovine IL10 Protein

Cat. No. IL10-33O **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Ovine IL-10 recombinant protein was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Ovine
Source	Yeast
Description	The IL-10 family of cytokines consists of nine members: IL-10, IL-19, IL-20, IL-22, IL-24, IL-26, IL-28A, IL-28B, and IL-29. These cytokines elicit diverse host defense mechanisms. IL-10 family cytokines are essential for maintaining the integrity and homeostasis of tissue epithelial layers. By promoting innate immune response, members of this family can limit the damage caused by viral and bacterial infections. They can also facilitate the tissue-healing process in injuries caused by infection or inflammation. IL-10 itself is an anti-inflammatory cytokine. IL-10 family cytokines have indispensable functions in many infectious and inflammatory diseases.
Molecular Mass	18.4 kDa
AA Sequence	SRDASTLSDSSCTHFPASLPHMLRELRAAFGKVKTFQMKDQLNSMLLTQSLLDDFKGYLGCGQALSEMIQFYLEEVMPPQAENHGPDIKEHVNSLGEKCLKTLRLRLRRCHRFLPCENKSKAVEQVKRVFNMLQERGVYKAMSEFDIFINYIESYMTTKM(158)
Applications	The Ovine IL-10 endotoxin-free recombinant protein can be used in cell culture, as an IL-10 ELISA Standard, and as a Western Blot Control.

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GENE INFORMATION

Gene Name	IL10 interleukin 10 [Capra hircus (goat)]
Official Symbol	IL10
Synonyms	IL10; interleukin 10; IL-10; interleukin-10
Gene ID	100860746
mRNA Refseq	XM_005690416
Protein Refseq	XP_005690473
UniProt ID	A0A452EY26

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