

Recombinant Canine IL-5

IL5-27C Canine

Lot. No. (See product label)

Specification

Product Overview Canine IL-5 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.

Description IL-3, IL-5, and GM-CSF are important in regulating eosinophil development. Of these three cytokines, IL-5 is the most specific to the eosinophil lineage and is responsible for selective terminal differentiation of eosinophils. The IL-5 receptor is composed of an alpha and a beta-common chain. The alpha subunit is specific for the IL-5 molecule, whereas the beta-common subunit also recognized by IL-3 and GM-CSF. IL-5 is produced by both hematopoietic and non-hematopoietic cells including T cells, granulocytes, and natural helper cells. It is associated with the cause of several allergic diseases including allergic rhinitis and asthma.

Source Yeast

Species Canine

Form Lyophilized

Molecular Mass 13.1 kDa

AA Sequence VENPMNRLVAETLTLSTHRTWLIGDGNLMIPTPENKNHQLCIKEVFQGIDTLKNQTAHGEAVDKL
FQNLSLIKE HIERQKKRCAGERWRVTKFLDYLVFLGVINTEWTPES

Applications The Canine IL-5 protein can be used in cell culture, as an IL-5 ELISA Standard, and as a Western Blot Control.

Storage -20 C

For Research Use Only

Creative BioMart. All rights reserved

45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net