

Eotaxin-2/CCL24

Catalog # PVGS1198

Product Information

Primary Accession Q5PPP2 Species Rat

Sequence Pro23-Val119, expressed with an N-terminal Met

Purity > 96% as analyzed by SDS-PAGE

> 96% as analyzed by HPLC

Endotoxin Level

Biological Activity Fully biologically active when compared to standard. The biologically active

determined by a chemotaxis bioassay using human peripheral blood

eosinophils is in a concentration of 50.0-250.0 ng/ml.

Expression System E. coli

Theoretical Molecular Weight 10.5 kDa

Formulation Reconstitution

Lyophilized from a 0.2 $\,$ $\,$ Im filtered solution in 2 \times PBS, pH 7.4.

It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1% BSA to a

concentration of 0.1-1.0 mg/ml.

Storage & Stability Upon receiving, this product remains stable for up to 6 months at -70°C or

-20°C. Upon reconstitution, the product should be stable for up to 1 week at

4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

Additional Information

Target Background Eotaxin-2/CCL24, also named MPIF-2 and Ckβ6, is a novel CC chemokine

recently identified. It is produced by activated monocytes and T lymphocytes.

Eotaxin-2 selectively chemoattracts cells expressing CCR3 including

eosinophils, basophils, Th2 T cells, mast cells, and certain subsets of dendritic cells. Additionally, Eotaxin-2 inhibits the proliferation of multipotential hematopoietic progenitor cells. The mature protein, which also includes a C-terminal truncation, contains 78 amino acid residues (92 a.a. residues for

the mouse homolog, without C-terminal truncation).

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.