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Eotaxin-2/CCL24

Catalog # PVGS1198

Specification

Eotaxin-2/CCL24 - 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
< 1 EU/ μg of protein by LAL method

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 **Lyophilized from a 0.2 μm filtered solution in 2 × PBS, pH 7.4.**

Reconstitution
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.

Eotaxin-2/CCL24 - 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).

Eotaxin-2/CCL24 - Protein Information

Eotaxin-2/CCL24 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Eotaxin-2/CCL24 - Images