

Eotaxin/CCL11, Murine Recombinant

CATALOG #: 4029-10 10 µg
4029-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

MOL. WEIGHT: 8.4 kDa

PURITY:

>98% by SDS-PAGE and HPLC analyses. Under reducing SDS-PAGE conditions the apparent molecular weight of murine eotaxin is as expected (8.4 kDa), while under nonreducing conditions the apparent molecular weight is 17 kDa. Endotoxin level is <0.1 ng per µg of murine eotaxin.

FORM:

Sterile filtered and then lyophilized with no additives. The protein may appear as a haze or film that is difficult to see at the bottom of the vial.

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 µg/µl. It is recommended that further dilutions be made into buffer containing carrier protein or medium containing serum.

STORAGE CONDITIONS:

The lyophilized eotaxin is best-stored desiccated below 0°C. Reconstituted eotaxin should be stored at 4°C or in working aliquots at -20°C.

DESCRIPTION:

Murine eotaxin shares many of the biological and physical characteristics of human eotaxin. The chemokine exhibits a high chemotactic selectivity for eosinophils and belongs to the C-C family of chemokines, along with chemokines such as RANTES, MCP-3, and MIP-1 alpha. Murine eotaxin is an 8.4 kDa protein containing 74 amino acid residues.

BIOLOGICAL ACTIVITY:

The recombinant murine eotaxin was found to induce chemotaxis of purified eosinophils at concentrations ranging between 100 to 1000 ng/ml.

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