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## Recombinant Murine Eotaxin-2

**Description:** Eotaxin-2 is a CC chemokine that signals through the CCR3 receptor. 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 murine homolog, without C-terminal truncation). Recombinant murine Eotaxin-2 is an 10.3 kDa protein containing 93 amino acid residues.

<b>Source:</b>	E. coli
<b>Molecular Weight:</b>	10.3 kDa
<b>Purity:</b>	> 98% by SDS-PAGE and HPLC
<b>Endotoxin level:</b>	< 0.1 ng per µg of Eotaxin-2
<b>Stabilizer:</b>	none
<b>Formulation:</b>	lyophilized

**Biological Activity:** Determined by its ability to chemoattract murine lymphocytes using a concentration range of 10-100 ng/ml.

**Reconstitution:** The murine Eotaxin-2 should be reconstituted in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted in water or other buffer solutions or stored at -20°C.

**Stability:** The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted murine Eotaxin-2 should be stored in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

**Usage:** Murine Eotaxin-2 offered for research use. Not for drug use. **Not for human use.**

**Catalogue number:** M10-059

**Size:** 20 µg

**\*\*please note: always centrifuge product before opening Vial.\*\***