



## Recombinant Mouse Eotaxin-2

20150227BB



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>M10-059S</b>
Size:	5 µg
Lot. No.:	According to product label

### Sequence

VTIPSSCCTS FISKKIPENR VVSYQLANGS ICPKAGVIFI  
TKRGHKICTD PKLLWVQRHI QKLDAAKNQP SKGAKAVRTE  
FAVQRRRGNS TEV

### Database References

<b>Protein RefSeq:</b>	NP_062523.1
<b>Uniprot ID:</b>	Q9JKC0
<b>mRNA RefSeq:</b>	NM_019577

## Scientific Background

<b>Gene-ID (NCBI):</b>	56221
<b>Synonyms:</b>	Ccl24; CKb-6; MPIF-2; Scya24

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.

## Product Specifications

<b>Expressed in</b>	E. coli
<b>Purity</b>	> 98% by SDS-PAGE & HPLC analyses
<b>Endotoxin level</b>	< 0.1 ng /µg of protein (<1EU/µg).
<b>Formulation</b>	lyophilized
<b>Length (aa):</b>	93
<b>MW:</b>	10.3 kDa

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



**AVOID REPEATED FREEZE AND THAW CYCLES!**