



Recombinant Mouse Eotaxin-2

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	M10-059
Size:	20 µg
Lot. No.:	According to product label

Scientific Background

Gene-ID (NCBI):	56221
Synonyms:	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.

Sequence

VTIPSSCCTS FISKKIPENR VVSYQLANGS ICPKAGVIFI
TKRGHKICTD PKLLWVQRHI QKLDAAKNQP SKGAKAVRTEK
FAVQRRRGNS TEV

Database References

Protein RefSeq:	NP_062523.1
Uniprot ID:	Q9JKC0
mRNA RefSeq:	NM_019577

Product Specifications

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