

Eotaxin-2/CCL24, Murine Recombinant

CATALOG #:	7137-10	10 µg
	7137-50	50 µg
ALTERNATE NAMES:	CCL24	
SOURCE:	E. Coli	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses	
MOL. WEIGHT:	10.3 kDa	
ENDOTOXIN LEVEL:	< 0.1 ng/µg of protein (<1EU/µg).	
FORM:	Lyophilized	
FORMULATION:	Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

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 a 10.3 kDa protein containing 93 amino acid residues.

BIOLOGICAL ACTIVITY: Determined by its ability to chemoattract murine lymphocytes using a concentration range of 10.0-100.0 ng/ml.

AMINO ACID SEQUENCE:

VTIPSSCCTS FISKIPENR VVSYQLANGS ICPKAGVIFI TKKGHKICTD PKLLWVQRHI
QKLDAKKNQP SKGAKAVRTK FAVQRRRGNS TEV

RELATED PRODUCTS:

- Eotaxin-3/CCL26, human recombinant (**Cat. No. 7138-10, -50**)
- Eotaxin-2/CCL24, human recombinant (**Cat. No. 4497-20, -1000**)
- Eotaxin/CCL11, human recombinant (**Cat. No. 4028-20, -100, -1000**)
- Eotaxin/CCL11, murine recombinant (**Cat. No. 4029-10, -1000**)
- Eotaxin/CCL11 Antibody (**Cat. No. 5029-100**)

FOR RESEARCH USE ONLY! Not to be used in humans.