

Product: Eotaxin (CCL11), murine recombinant
Catalog #: 11-EOTA-M
Amount: 5 µg

DESCRIPTION: Recombinant Murine Eotaxin produced in E.Coli is a single, non-glycosylated polypeptide chain containing 74 amino acids and having a molecular mass of 8403.2 Dalton.
The rmEotaxin is purified by proprietary chromatographic techniques.
The sequence of the first five N-terminal amino acids was determined and was found to be His-Pro-Gly-Ser-Ile.

SOURCE: *Escherichia coli* expression system

MOLECULAR WEIGHT: 8.4 kDa

PURITY: > 98.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Anion-exchange FPLC.
(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.

ENDOTOXIN: Less than 0.1 ng/µg (IEU/µg) of rmEotaxin.

DIMERS & AGGREGATES: Less than 1% as determined by silver-stained SDS-PAGE gel analysis.

PROTEIN CONTENT: Protein quantitation was carried out by two independent methods:
1. UV spectroscopy at 280 nm.
2. Analysis by RP-HPLC, using a standard solution of mEotaxin as a Reference Standard.

FORM: Purified.

CONCENTRATION: 0.1 mg/ml

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

BIOLOGICAL ACTIVITY: rmEotaxin is fully biologically active when compared to standard.
The Biological activity is determined by its ability to induce chemotaxis purified eosinophils at a concentration of 100-1000 ng/ml.

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