

Eotaxin-2/CCL24, Mouse, Recombinant

Cat. No. : PCK230

General Information

Synonyms	C-C Motif Chemokine 24; Ccl24; Eosinophil chemotactic Protein 2; Eotaxin-2; Small-inducible Cytokine A24; Scya24
Species	Mouse
Expression host	E.coli
Sequence	Val27-Val119
Accession	Q9JKC0
Mol mass	10.3 kDa
Expiration date	12 months

Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

Mouse CCL24 is a secreted Protein, which is a member of the CC Chemokine subfamily. Mouse Ccl24 cDNA encodes a 119 amino acid residue precursor Protein, shares approximately 58% amino acid sequence identity with human Ccl24. It is predominantly expressed in the jejunum and spleen and also be induced in the lung by allergen challenge and IL4. Mouse ccl24 has lower chemotactic activity for neutrophils but none for monocytes and activated lymphocytes. Ccl24 is chemotactic for resting T-lymphocytes, eosinophils and can bind to CCR3. LPS and IL4 also differentially regulate the expression of Ccl24 in monocytes and macrophages.

SDS-PAGE

