

32-7595: Recombinant Mouse C-C Motif Chemokine 24/CCL24/Eotaxin-2

Gene : Ccl24
Gene ID : 56221
Uniprot ID : Q9JKC0

Description

Source: E.coli.
MW :10.3kD.

Recombinant Mouse C-C Motif Chemokine 24 is produced by our E.coli expression system and the target gene encoding Val27-Val119 is expressed. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : VTIPSSCCTSFISKIPENRVVSYQLANGSICPKAGVIFITKKGHKICTDPKLLWVQRHIQKLDAKKNQPSKGAKAVRTKFAVQRRRGNSTEV

Application Note

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 ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.