



Recombinant Protein Technical Manual

Recombinant Mouse CCL24/Eotaxin-2 Protein

RPES5148

Product Data:

Product SKU: RPES5148

Size: 10µg

Species: Mouse

Expression host: E. coli

Uniprot: Q9JKCO

Protein Information:

Molecular Mass: 10.3 kDa

AP Molecular Mass: 12 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: C-C motif chemokine 24;Ccl24;Eosinophil chemotactic protein 2;Eotaxin-2;Small-inducible cytokine A24;Scya24

Immunogen Information:

Sequence: Val27-Val119

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.