

## Ccl24

### Recombinant Rat Eotaxin-2/CCL24

|                                 |  |                  |                       |
|---------------------------------|--|------------------|-----------------------|
| <b>Catalog No.</b>              | CS518A<br>CS518B<br>CS518C   | <b>Quantity:</b> | 5 µg<br>20 µg<br>1 mg |
| <b>Alternate Names:</b>         | Chemokine (C-C motif) ligand 24, eosinophil chemotactic protein 2  |                  |                       |
| <b>Description:</b>             | <p>Eotaxin-2/CCL24, also named MPIF-2 and CkE6, is a novel CC chemokine recently identified. 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.</p> <p>Recombinant Rat Eotaxin-2/CCL24 is a single non-glycosylated polypeptide chain consisting of an N-terminal methionine and the mature rat Eotaxin-2.</p> |                  |                       |
| <b>Gene ID:</b>                 | 288593   |                  |                       |
| <b>Source:</b>                  | <i>E. coli</i>   |                  |                       |
| <b>Molecular Weight:</b>        | 10.5 kDa   |                  |                       |
| <b>Formulation:</b>             | Lyophilized from a 0.2 µm filtered concentrated solution in 2 × PBS, pH 7.4.   |                  |                       |
| <b>Purity:</b>                  | >96% by SDS-PAGE and HPLC analyses.  |                  |                       |
| <b>Endotoxin Level:</b>         | <1 EU/µg as determined by LAL method.  |                  |                       |
| <b>Biological Activity:</b>     | Fully biologically active when compared to standard. The biologically active determined by a chemotaxis bioassay using human peripheral blood eosinophils is in a concentration of 50-250 ng/ml.   |                  |                       |
| <b>Amino Acid Sequence:</b>     | MPTGSVTIPS SCCVTFISKK IPVNRVISYQ LANGSICPKA GVIFITKKGH KICTDPKLPW VQKHIKNLDA KRNQPSEGAK ALGPKFVIQK LRGNSTKV  |                  |                       |
| <b>Reconstitution:</b>          | <b>Centrifuge vial prior to opening.</b> Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/ml. Further dilutions should be made in appropriate buffered solutions.  |                  |                       |
| <b>Storage &amp; Stability:</b> | The lyophilized protein is stable at 2-8°C. Upon receipt, store desiccated at -20°C. After reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. For long term storage of reconstituted protein, it is recommended that a carrier protein such as 0.1% BSA or HSA be added. This depends on the particular application. <b>Avoid repeated freeze/thaw cycles.</b>   |                  |                       |

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