

Recombinant Human Eotaxin-2/CCL24

#R00396

Size: 5 µg/100 µg/500 µg

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.

- 1 month, 2 to 8 °C under sterile conditions after reconstitution.

- 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

Background

CCL24 is a secreted protein, encoded by CCL24 gene in humans located on Chr.7, and produced by activated monocytes and T lymphocytes. CCL24 has functions of chemotactic activity for resting T-lymphocytes and eosinophils, but none for monocytes and activated lymphocytes. The plasma levels of CCL24 and the aspirin-exacerbated respiratory disease (such as asthma) morbidity rate have positive correlation.

AA Sequence

VVIPSPCCMFFVSKRIPENRVVSYQLSSRSTCLKAGVI
FTTKKGQQFCGDPKQEWVQRYMKNLDAKQKKASPR
ARAVA

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0

mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Synonyms	CK-beta-6, MPIF-2, Small-inducible Cytokine A24
Accession	O00175
GeneID	6369
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 8.8 kDa, a single non-glycosylated polypeptide chain containing 78 amino acids.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood eosinophils is in a concentration of 50-100 ng/ml.

Physical	Sterile Filtered White lyophilized
Appearance	(freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Endotoxin	Less than 1 EU/µg of rHuEotaxin-2/CCL24 as determined by LAL method.