

Recombinant Human Eotaxin-3/CCL26

#R00398

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

CCL26 is novel CC family chemokine, also known as TARC (thymus and activation regulated chemokine). It is encoded by CCL26 gene, which is located on Chr.7 in humans, and ubiquitously expressed at low levels in various tissues including heart and ovary. CCL26 elicits its effects activity by binding to the cell surface chemokine receptor CCR3, and chemotactic for eosinophils and basophils.

AA Sequence

TRGSDISKTCFQYSHKPLPWTWVRSYEFTSNSCSQ
RAVIFTTKRGKKVCTHPRKKWVQKYISLLKTPKQL

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	CC chemokine IMAC, MIP-4-alpha, TSC-1
Accession	Q9Y258
GeneID	10344
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 71 amino acid residues.
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 CCR3 transfected HEK293 cells is in a

concentration range of 0.5-2.0
µg/ml.

Physical	Sterile Filtered White lyophilized
Appearance	(freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Endotoxin	Less than 1 EU/µg of rHuEotaxin-3/CCL26 as determined by LAL method.
