

Human CCL26 / Eotaxin-3 Protein

Catalog Number: 10577-HNAB



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

IMAC; MIP-4a; MIP-4alpha; SCYA26; TSC-1

Protein Construction:

A DNA sequence encoding the human CCL26 (NP_006063.1) (Met1-Leu94) was expressed.

Source: Human

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Endotoxin:

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

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Thr 24

Molecular Mass:

The recombinant human CCL26 consists of 71 amino acids and predicts a molecular mass of 8.4 kDa.

Formulation:

Lyophilized from sterile 20 mM Tris, 300 mM NaCl, pH 8.0, 10 % glycerol.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

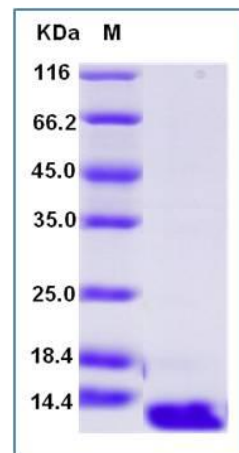
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Protein Description

The eotaxin subfamily of CC chemokines consists of eotaxin-1/CCL11, eotaxin-2/CCL24 and eotaxin-3/CCL26. All eotaxins induce the trafficking of eosinophils to the sites of inflammation via CC chemokine receptor 3 (CCR3), which is also expressed by several different cell types, including basophils, dendritic cells, smooth muscle cells, epithelial cells and fibroblasts. The sequence similarity between the three eotaxins is limited (

References

3.Takahashi K, Imaeda H, Fujimoto T, *et al.* Regulation of eotaxin-3/CC chemokine ligand 26 expression by T helper type 2 cytokines in human colonic myofibroblasts. *Clinical and Experimental Immunology.* 2013;173(2):323-331.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

For US Customer: Fax: 267-657-0217

• Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288

• Tel:+86-400-890-9989

• <http://www.sinobiological.com>