

TECHNICAL DATA SHEET

# Recombinant Human CCL26 (Eotaxin-3) (Carrier-free)

Catalog Number: 21-7024

**RPx-Pro™ Recombinant Protein**

PRODUCT INFORMATION

**CONTENTS**

Recombinant Human CCL26 (Eotaxin-3) (Carrier-free)

**DESCRIPTION**

CCL26 is a member of the CC family of chemokines that has chemotactic activity for eosinophils, basophils and T cells. CCL26 exerts its effects through binding to the CCR3 receptor and is produced by endothelial cells in response to IL-4 or IL-13 stimulation.

**MOLECULAR MASS**

Recombinant human Eotaxin-3 is an 8.4 kDa protein containing 71 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

**AMINO ACID SEQUENCE**

TRGSDISKTC CFQYSHKPLP WTWVRSYEFT SNSCSQRAVI FTTKRGKKVC THPRKKWVQK YISLLKTPKQ L

**SOURCE**

E. coli

**APPLICATIONS**

Bioassay

**PURITY**

98 %

**STORAGE**

-20°C

**PROTEIN CONTENT**

Content Verified by UV Spectroscopy and/or SDS-PAGE

**ENDOTOXIN LEVEL**

Endotoxin level is <0.1 ng/μg of protein (<1 EU/μg).

**AUTHENTICITY**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

**CROSS REACTIVITY**

Mouse

**BIOACTIVITY**

Determined by its ability to chemoattract human CCR3/HEK 293 cells. The maximum activity was achieved at 2 μg/ml.

**RESEARCH AREAS**

Chemotaxis; Immune System; Proliferation; Wound Healing

**RECONSTITUTION**

See Certificate of Analysis (COA) for lot specific reconstitution information.

**REFERENCES**

Kitaura M, Suzuki N, Imai T, Takagi S, Suzuki R, Nakajima T, Hirai K, Nomiyama H, Yoshie O. 1999. J Biol Chem. 274(39): 27975-2780. Nakayama T1, Watanabe Y, Oiso N, Higuchi T, Shigeta A, Mizuguchi N, Katou F, Hashimoto K, Kawada A, Yoshie O. 2010. J Immunol. 185(11): 6472-6479.

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