**Product Name: Recombinant Human CCL11**
**Catalog #: PEH0259**

## 概述（Summary）

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|---|---|
| **英文全称** | CCL11/Eotaxin |
| **纯度（Purity）** | Greater than 95% as determined by reducing SDS-PAGE |
| **内毒素（Endotoxin level）** | <1 EU/μg as determined by LAL test. |
| **蛋白构建（Construction）** | Recombinant Human C-C Motif Chemokine 11 is produced by our E.coli expression system and the target gene encoding Gly24-Pro97 is expressed. |
| **Accession #** | P51671 |
| **蛋白标签（Tag）** | |
| **表达宿主（Host）** | E.coli |
| **种属（Species）** | Human |
| **预测分子量（Predicted MW）** | 8.56 KDa |
| **蛋白形态（Form）** | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. |
| **储存缓冲液（Buffer）** | |
| **运输方式（Shipping）** | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months. |
| **复溶（Reconstitution）** | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## 电泳图（SDS-PAGE image）

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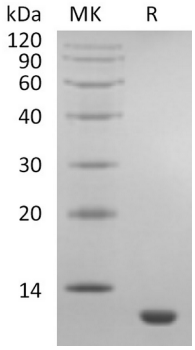


## 背景（Background）

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|---|---|
| **分子别名（Alternative Names）** | Eotaxin; C-C Motif Chemokine 11; Eosinophil Chemotactic Protein; Small-Inducible Cytokine A11; CCL11; SCYA11 |
| **背景介绍（References）** | C-C Motif Chemokine 11 (CCL11) is a secreted protein that belongs to the intercrine beta (chemokine CC) family. In response to the presence of allergens, CCL11 selectively recruits eosinophils, a prominent feature of allergic inflammatory reactions. The effects of CCL11 are mediated by its binding to a G-protein-linked receptor known as a chemokine receptor. Chemokine receptors for CCL11 include CCR2, CCR3 and CCR5. However, it has been found that CCL11 has high degree selectivity for its receptor, such that they are inactive on neutrophils and monocytes, which do not express CCR3. |

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.