

Recombinant Human MEC/CCL28 protein (GST,His Tag)

Catalog Number: PDEH101070



Note: Centrifuge before opening to ensure complete recovery of vial contents.

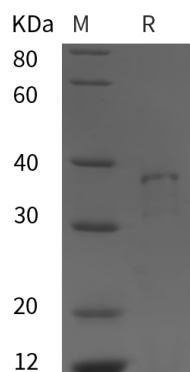
Description

| | |
|---------------------|----------------------------|
| Species | Human |
| Mol_Mass | 36.8 kDa |
| Accession | Q9NRJ3 |
| Bio-activity | Not validated for activity |

Properties

| | |
|-----------------------|--|
| Purity | > 95% as determined by reducing SDS-PAGE. |
| Endotoxin | < 10 EU/mg of the protein as determined by the LAL method |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis. |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Chemokine (C-C Motif) Ligand 28 (CCL28) is a novel chemokine that shares the most homology with CCL27/CTACK. CCL28 shows chemotactic activity for resting CD4, CD8 T-cells and eosinophils. It binds to CCR3 and CCR10 and induces calcium mobilization in a dose-dependent manner. CCR10 (GPR2 orphan receptor) is also the receptor for CCL27/CTACK. CCL28 is preferentially expressed by epithelial cells of diverse tissues, with highest expression level in normal and pathological colon. It is also expressed in normal and asthmatic lung tissues. Human and mouse CCL28 shares 83% sequence identity in their mature regions.

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A Reliable Research Partner in Life Science and Medicine
Tel: 400-999-2100

Email: techsupport@elabscience.cn

Web: www.elabscience.cn

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