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Datasheet for ABIN7274053 CCR8 Protein (AA 1-35) (Fc Tag)

3 Images



Overview

| Quantity: | 100 µg |
|-------------------------------|--|
| Target: | CCR8 |
| Protein Characteristics: | AA 1-35 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CCR8 protein is labelled with Fc Tag. |

Product Details

| Purpose: | Human CCR8 Protein | |
|------------------------------|--|--|
| Sequence: | Met1-Lys35 | |
| Characteristics: | Recombinant Human CCR8 Protein is expressed from HEK293 with hFc tag at the C- Terminus.It contains Met1-Lys35. | |
| Purity: | > 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC | |
| Sterility: | 0.22 µm filtered | |
| Endotoxin Level: | Less than 1EU per μ g by the LAL method. | |
| Biological Activity Comment: | Immobilized Human CCR8, hFc Tag at 2μ g/ml (100 μ l/well) on the plate. Dose response curve | |
| | for Biotinylated Anti-CCR8 Antibody, hFc Tag with the EC50 of 21.3ng/ml determined by ELISA. | |
| | See testing image for detail. | |

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Target Details

| Target: | CCR8 |
|---------------------|---|
| Alternative Name: | CCR8 (CCR8 Products) |
| Background: | CC chemokine receptor (CCR) 8 (previously called CKR-L1 or TER1 and designated CD198), which is expressed on Th2 cells and eosinophils, has been implicated in allergic diseases. CCR8 may regulate monocyte chemotaxis and thymic cell line apoptosis and is alternative coreceptor with CD4 for HIV-1 infection. |
| Molecular Weight: | 30.62 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result. |
| Application Details | |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Lyophilized |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water. |
| Buffer: | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |

Images



Human CCR8, hFc Tag ELISA 0.2µg Human CCR8, hFc Tag Per Well





SDS-PAGE

Image 1. Human CCR8 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

ELISA

Image 2. Immobilized Human CCR8, hFc Tag at $2 \mu g/mL$ (100 $\mu L/well$) on the plate. Dose response curve for Biotinylated Anti-CCR8 Antibody, hFc Tag with the EC50 of 21.3 ng/mL determined by ELISA.

| Size-exclusion | chromatography-High | Pressure | Liquid | | | |
|---|---------------------|----------|--------|--|--|--|
| Chromatography | | | | | | |
| Image 3. The purity of Human CCR8 is greater than 95 % as | | | | | | |
| determined by S | EC-HPLC. | | | | | |

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