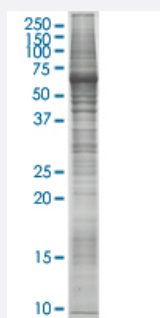


CCL13 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

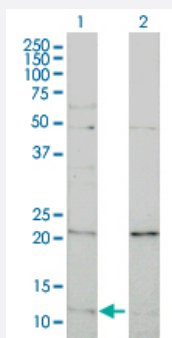
Catalog # L044T6 Size 100 ug

Applications



SDS-PAGE Gel

CCL13 transfected lysate



Western Blot

Lane 1: CCL13 transfected lysate (11 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-CCL13 full length
Host	Human
Theoretical MW (kDa)	11
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CCL13 antibody () by Western Blots.
SDS-PAGE Gel
CCL13 transfected lysate
Western Blot
Lane 1: CCL13 transfected lysate (11 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — CCL13

Entrez GeneID

[6357](#)

GeneBank Accession#

[BC008621](#)

Protein Accession#

[AAH08621](#)

Gene Name

CCL13

Gene Alias

CKb10, MCP-4, MGC17134, NCC-1, NCC1, SCYA13, SCYL1

Gene Description

chemokine (C-C motif) ligand 13

Omim ID

[601391](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils, but not neutrophils. This chemokine plays a role in accumulation of leukocytes during inflammation. It may also be involved in the recruitment of monocytes into the arterial wall during atherosclerosis. [provided by RefSeq]

Other Designations

CK-beta-10|monocyte chemoattractant protein 4|monocyte chemotactic protein 4|new CC chemokine 1|small inducible cytokine A13|small inducible cytokine subfamily A (Cys-Cys), member 13

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Birth Weight](#)
- [Bronchiolitis](#)
- [Encephalomyelitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Infant](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)

- [Ovarian Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)