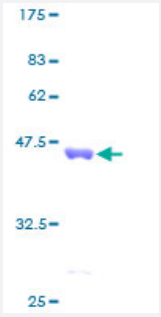
Full-Length | Sm Size

CCL13 (Human) Recombinant Protein (P01)

Catalog # H00006357-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCL13 full-length ORF (AAH08621, 1 a.a. - 98 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKVSAVLLCLLLMTAAFNPQGLAQPDALNVPSTCCFTFSSKKISLQRLKSYVITTSRCPQKAVIFRT KLGKEICADPKEKWVQNYMKHLGRKAHTLKT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

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Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

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 pr ocesses. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine e ncoded by this gene displays chemotactic activity for monocytes, lymphocytes, basophils and eos inophils, but not neutrophils. This chemokine plays a role in accumulation of leukocytes during infla mmation. It may also be involved in the recruitment of monocytes into the arterial wall during arther osclerosis. [provided by RefSeq
Other Designations	CK-beta-10|monocyte chemoattractant protein 4|monocyte chemotactic protein 4|new CC chemo kine 1|small inducible cytokine A13|small inducible cytokine subfamily A (Cys-Cys), member 13

Pathway

- Chemokine signaling pathway

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- 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

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