Bioactive

CCL4L1 (Human) Recombinant Protein

Catalog # P9499 Size 20 ug

Specification

Product Description	Human CCL4L1 (Q8NHW4, 24 a.a. - 92 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	APMGSDPPTACCFSYTARKLPRNFVVDYYETSSLCSQPAVVFQTKRGKQVCADPSESWVQEYV YDLELN
Host	Escherichia coli
Theoretical MW (kDa)	7.8
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95.0% by SDS-PAGE
Activity	The ED_{50} is < 2.0 ng/mL was determined by a cell proliferation assay using human CCR5 transfected murine BaF3 cells, corresponding to a specific activity of > 5.0 10^5 IU/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — CCL4L2

Entrez GeneID	388372
Protein Accession#	Q8NHW4
Gene Name	CCL4L2
Gene Alias	AT744.2, CCL4L, SCYA4L
Gene Description	chemokine (C-C motif) ligand 4-like 2
Omim ID	610757
Gene Ontology	Hyperlink
Gene Summary	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. This protein is similar to CCL4 which inhibits HIV entry by binding to the cellular receptor CCR5. The c opy number of this gene varies among individuals; most individuals have 1-5 copies in the diploid genome, although rare individuals do not contain this gene at all. The human genome reference a ssembly contains two copies of this gene. This record represents the more telomeric gene. [provi ded by RefSeq
Other Designations	CC chemokine ligand 4L1|CC chemokine ligand 4L1d2|CC chemokine ligand 4L2|chemokine (C -C motif) ligand 4-like 1, telomeric|lymphocyte activation gene 1|macrophage inflammatory protein -1b2|small inducible cytokine 4-like|small inducible cytokine A4-like

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

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