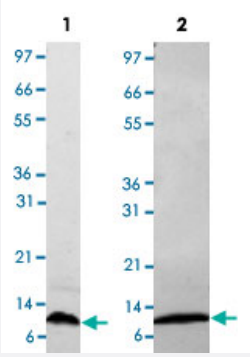
Bioactive

Ccl4 (Mouse) Recombinant Protein

Catalog # P4613 Size 10 ug

Applications



Lane 1: non-reducing conditions
Lane 2: reducing conditions

Result of activity analysis

Result of activity analysis

Human THP-1 cells were allowed to migrate to mouse Ccl4 (0, 0.1, 1, 10, 100 and 1000 ng/mL). After 45 minutes, cells that migrated were counted using a luminescent substrate and displayed on the bar graph above.

Specification

Product Description	Mouse Ccl4 (Q5QNV9) recombinant protein expressed in *Escherichia coli*.
Sequence	APMGSDPPTSCCFSYTSRQLHRSFVMDYYETSSLCSKPAVVFLTKRGRQICANPSEPWVTEYMS DLELN
Host	Escherichia coli
Theoretical MW (kDa)	7.9
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Endotoxin Level	< 0.1 EU/ug

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Activity	The activity is determined by the ability to chemoattract human THP-1 cells and is detectable starting at 100 ng/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Lane 1: non-reducing conditions Lane 2: reducing conditions
Storage Buffer	No additive
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis Human THP-1 cells were allowed to migrate to mouse Ccl4 (0, 0.1, 1, 10, 100 and 1000 ng/mL). Afte r 45 minutes, cells that migrated were counted using a luminescent substrate and displayed on the b ar graph above.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Ccl4

Entrez GeneID	20303
Protein Accession#	Q5QNV9
Gene Name	Ccl4
Gene Alias	AT744.1, Act-2, MIP-1B, Mip1b, Scya4
Gene Description	chemokine (C-C motif) ligand 4
Gene Ontology	Hyperlink
Other Designations	MIP-1 beta|OTTMUSP00000000944|small inducible cytokine A4

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