

Bioactive

HuPro®

Ccl2 (Mouse) Recombinant Protein

Catalog # P7483

Size 5 ug

Specification

Product Description	Mouse Ccl2 (Q5SVU3, 24 a.a. - 96 a.a.) partial recombinant protein expressed in HEK293 cells.
Sequence	QPDAVNAPLTCCYSFTSKMIPMSRLESYKRITSSRCPEAVVFVTKLKREVCADPKKEWVQTYK NLDRNQMR
Host	Human
Theoretical MW (kDa)	~ 8
Form	Lyophilized
Preparation Method	Mammalian cell (HEK 293) expression system
Purity	> 98% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	EC ₅₀ of mouse MCP-1/CCL2 < 0.3 ug/mL, measured by Ca ²⁺ mobilization assay in CHO-K1/Galph a15/mCCR2 cells (human Galpha15 and mouse CCR2 stably expressed in CHO-K1 cells).
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH ₂ O or PBS up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Ccl2

Entrez GeneID	20296
Protein Accession#	Q5SVU3
Gene Name	Ccl2
Gene Alias	A1323594, HC11, JE, MCAF, MCP-1, MCP1, SMC-CF, Scya2, Sigje
Gene Description	chemokine (C-C motif) ligand 2
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000000786 monocyte chemoattractant protein-1 monocyte chemotactic protein small inducible cytokine A2