

Ccr1-KO

Nomenclature	C57BL/6Smoc- <i>Ccr1</i> ^{em1Smoc}
Cat. NO.	NM-KO-190768
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Ccr1	Synonyms	Cmkbr1; Mip-1a-R
	NCBI ID	12768
	MGI ID	104618
	Ensembl ID	ENSMUSG00000025804
	Human Ortholog	CCR1

Model Description

Exon 2 of *Ccr1* gene was deleted to generate *Ccr1* knockout mice.

Research Application: Knockout studies of the mouse homolog suggested the roles of this gene in host protection from inflammatory response, and susceptibility to virus and parasite.

*Literature published using this strain should indicate: *Ccr1*-KO mice (Cat. NO. NM-KO-190768) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Coronavirus Infectious Disease	Phenotype(s)	MGI:3614443
	Reference(s)	Sheahan T, Morrison TE, Funkhouser W, Uematsu S, Akira S, Baric RS, Heise MT, MyD88 is required for protection from lethal infection with a mouse-adapted SARS-CoV. PLoS Pathog. 2008 Dec;4(12):e1000240

Validation Data

No data