

CCR8 Protein, Mouse (Cell-Free, His)

Cat. No.:	HY-P702237
Synonyms:	C-C chemokine receptor type 8; CD_antigen: CDw198 Cmkbr8; Ter1; C-C CKR-8; CC-CKR-8; CCR-8
Species:	Mouse
Source:	E. coli Cell-free
Accession:	P56484 (M1-L353)
Gene ID:	12776
Molecular Weight:	41.5 kDa

PROPERTIES

AA Sequence

MDYTMENPNT	MTDYYPDFFT	APCDAEFLLR	GSMLYLAILEY
CVLFVVLGLLG	NSLVILVLVG	CKKLSITDI	YLLNLAASDL
LFVLSIPFQT	HNLLDQWVFG	TAMCKVVSGL	YYIGFFSSMF
FITLMSVDRY	LAIVHAVYAI	KVRTASVGTA	LSLTVWLA AV
TATIPLMV FY	QVASEDGMLQ	CFQFYEEQSL	RWKLFTHFEI
NALGLLLPFA	ILLFCYVRIL	QQLRGCLNHN	RTRAIKLVLT
VVIVSLLFWV	PFNVALFLTS	LHDLHILDGC	ATRQRLALAI
HVTEVISFTH	CCVNPVIYAF	IG EKFKK HLM	DV FQKSCSHI
FLYLGRQMPV	GALERQLSSN	QRSSHSTLD	DIL

Appearance

Lyophilized powder.

Formulation

Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Endotoxin Level

<1 EU/µg, determined by LAL method.

Reconstitution

It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH₂O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.

Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

CCR8 Protein serves as the receptor for the CCL1/SCY1/TCA-3 chemokine, indicating its crucial role in mediating cellular responses to this specific chemokine ligand. The interaction between CCR8 and CCL1 is pivotal in orchestrating chemotactic

signaling events that regulate immune cell migration and positioning within the cellular microenvironment. As a receptor for CCL1, CCR8 contributes to the intricate network of chemokine signaling, playing a significant role in immune responses and cellular communication within the immune system.

Caution: Product has not been fully validated for medical applications. For research use only.

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