Active Recombinant Mouse Ccl25 Protein

Cat. No. Ccl25-2035M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 25 (Ccl25 / TECK), transcript variant 1 without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln24-Asn144
Description	Potentially involved in T-cell development. Recombinant protein shows chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritics cells but is inactive on peripheral blood lymphocytes and neutrophils. Binds to CCR9. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4.
Bio-activity	Bioactivity was measured by its ability to chemoattract Baf3-hCCR9 cells in a dose dependent manner.
Molecular Mass	16 kDa
Endotoxin	Less than 0.01 ng/μg protein as determined by the LAL method
Purity	> 98%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20

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	centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
Storage	Store at -80 centigrade.
Concentration	Protein formulated and vialed at >50 μg/mL in specified buffer
Storage Buffer	1 x PBS

GENE INFORMATION

Gene Name	Ccl25 chemokine (C-C motif) ligand 25 [Mus musculus (house mouse)]
Official Symbol	Ccl25
Synonyms	Ccl25; chemokine (C-C motif) ligand 25; Scya; TECK; CKb15; Scya25; AI852536; A130072A22Rik; C-C motif chemokine 25; small inducible chemokine 25; small inducible cytokine A25; thymus-expressed chemokine
Gene ID	20300
mRNA Refseq	NM_009138
Protein Refseq	NP_033164
UniProt ID	O35903

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