

Recombinant Dog Ccl25 protein

Cat. No. Ccl25-69D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog Ccl25(23-151 aa) was expressed in HEK293.
Species	Dog
Source	HEK293
ProteinLength	23-151 aa
Description	This gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. The product of this gene binds to chemokine receptor CCR9.
Form	Tris-based buffer, 50% glycerol
AA Sequence	QGVSEDCC LAYHHRARPR LLMRAQGYQR QEVSGSCNLP AVIFFFPKNK MLCVNPRVNW LPNVFKFLDN RNNTHSKQHL GSRRNLQDSH LGGQRSNTGM SRLAHSKSKS SRSTRSNKKK TSFLNMANPG P
Purity	>90% (SDS-PAGE)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade.
The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	CCL25 chemokine (C-C motif) ligand 25 [<i>Canis lupus familiaris</i>]
Official Symbol	Ccl25
Synonyms	CCL25; chemokine (C-C motif) ligand 25; C-C motif chemokine 25; CC chemokine ligand 25; small-inducible cytokine A25;
Gene ID	448798
mRNA Refseq	NM_001005259
Protein Refseq	NP_001005259
UniProt ID	Q68A93
Chromosome Location	chromosome: 20
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem;

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