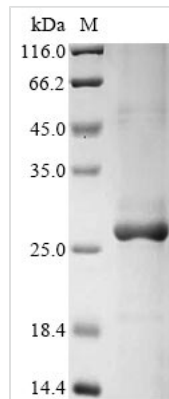




Recombinant Dog C-C motif chemokine 17 (CCL17)

Product Code	CSB-EP856825DO
Abbreviation	Recombinant Dog CCL17 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q95N01
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Canis familiaris (Dog) (Canis lupus familiaris)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	ARGTNVGRECCLEYFKGAIPISRLTRWYKTSGECPKDAIVFVTVQGKSICSDPK DKRVKKAVRYLQRTWKGGPQES
Research Area	Immunology
Source	E.coli
Target Names	CCL17
Expression Region	24-99aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-KSI-tagged
Mol. Weight	23.9 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Just like other recombinant proteins, the production of this recombinant Dog CCL17 protein began with appropriate cDNA and PCR methods, and then the CCL17 expression plasmids were built. Following sequence determination of the constructs, plasmids were transformed into E.coli for the expression of the recombinant Dog CCL17 protein. N-terminal 6xHis-KSI tag was used in the process. And we finally get the protein of interest with purity of 85%+.

CCL17 is a gene encoding a protein known as C-C motif chemokine 17 (also called CC chemokine TARC, small-inducible cytokine A17 and thymus and activation-regulated chemokine) in dog. It is a chemotactic factor that can bind to CCR chemokine receptor with chemokine activity. The protein encoded by CCL17 gene takes part in multiple biological processes, including cellular response to IFN γ , IL-1 and TNF, chemokine-mediated and G protein-coupled receptor signaling pathway and inflammatory response.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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