

Recombinant human CCL17/TARC protein

Catalog Number: ATGP0367

PRODUCT INFORMATION

Expression system

E.coli

Domain

24-94aa

UniProt No.

Q92583

NCBI Accession No.

NP_002978

Alternative Names

Chemokine (C-C motif) ligand 17, A-152E5.3, ABCD-2, SCYA17, TARC, Chemokine (C-C motif) ligand 17 A152E53, ABCD2, CC Chemokine TARC, CCL17, Chemokine CC Motif Ligand 17, MGC138271, MGC138273, Small Inducible Cytokine A17, Small Inducible Cytokine A17 Precursor, Small Inducible Cytokine Subfamily A (Cys Cys), Small Inducible Cytokine Subfamily A (Cys Cys) Member 17, T Cell Directed CC Chemokine, Thymus and activation regulated chemokine,

PRODUCT SPECIFICATION

Molecular Weight

10.3 kDa (92aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Recombinant human CCL17/TARC protein

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Description

CCL17 is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine (TARC). This protein is involved in immunoregulatory and inflammatory processes. It is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. It specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the chemokine receptor CCR4. CCL17 was expressed in *E. coli* and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MARGTNVGRE CCLEYFKGAI PLRKLKTWYQ TSEDCSRDAI VFVTVQGRAI CSDPNNKRVK
NAVKYLSLE RS

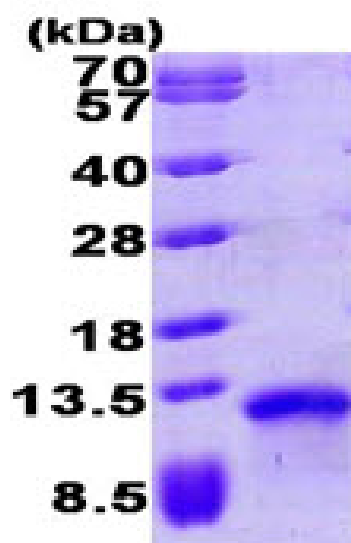
General References

Imai T., et al. (1996) *J Biol Chem.* 271 (35): 21514-21.

Kakinuma T., et al. (2002) *Cytokine.* (1):1-6.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)