

AR09517PU-L**Human MIP3-beta / CCL19 (22-98, T7-tag) - Purified****Alternate names:**

Beta chemokine exodus-3, C-C motif chemokine 19, CCL-19, CK beta-11, EBI1-ligand chemokine, ELC, Exodus-3, MIP-3 beta, MIP3B, Macrophage inflammatory protein 3 beta, SCYA19, Small-inducible cytokine A19, Small-inducible cytokine A19

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

CCL19 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 elicits its effects on its target cells by binding to the chemokine receptor chemokine receptor CCR7. It attracts certain cells of the immune system, including dendritic cells and antigen-engaged B cells, CCR7+ effector-memory T-Cells.

Uniprot ID:

[Q99731](#)

NCBI:

[NP_006265](#)

GeneID:

[6363](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified peptide

Purity: >95% by SDS - PAGE

Buffer System: PBS, pH 7.4, containing 10% glycerol

Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)

Description:

Recombinant human CCL19 protein, fused to T7-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

AA Sequence:

MASMTGGQOM GRGSHMGTND AEDCCLSVTQ KPIPGYIVRN FHYLLIKDGC RVPVAVFTTL
RGRQLCAPPD QPWVERIIQR LQRTSAKMKR RSS

Molecular weight: 10.4 kDa (93aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

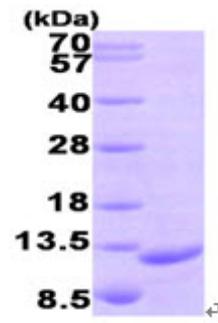
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

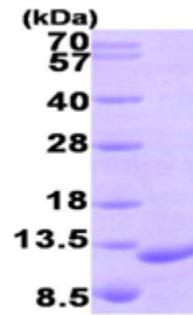
Robbiani DF, et al. (2000) Cell. 103(5):757-68.

Pictures:



15% SDS-PAGE (3ug)*

Recombinant human CCL19, 22-98 aa, T7 tagged



15% SDS-PAGE (3ug)