

Recombinant mouse IL-17A protein

Catalog Number: ATGP3280

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

26-158aa

UniProt No.

Q62386

NCBI Accession No.

NP_034682.1

Alternative Names

Interleukin 17A, Cytotoxic T-lymphocyte-associated antigen 8, CTLA-8, Ctla-8, Il17, IL-17A

PRODUCT SPECIFICATION

Molecular Weight

16kDa (141aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

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

Description

IL17A, also known as Interleukin-17A, plays an important role in anti-microbial and chronic inflammation. Mature human IL17A shares 60% amino acid sequence identity with mouse and rat IL17A. It promotes protective mucosal and epidermal inflammation in response to microbial infection and induces chemokine production, neutrophil influx, and the production of antibacterial peptides. Recombinant mouse IL17A, fused to His-tag at C-

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terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

AAIIPQSSAC PNTEAKDFLQ NVKVNLIKVFN SLGAKVSSRR PSDYLNKSTS PWTLHRNEDP DRYPSVIWEA QCRHQRCVNA
EGKLDHHMNS VLIQQEILVL KREPESCPFT FRVEKMLVGV GCTCVASIVR QAA<LEHHHHH H>

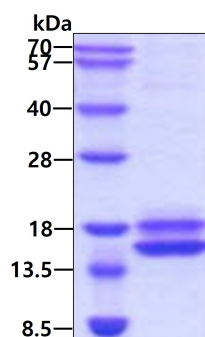
General References

Yao Z., et al. (1995) J. Immunol. 155:5483-5436.

Kennedy J., et al. (1996) J. Interferon Cytokine Res. 16:611-617.

DATA

SDS-PAGE



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