

Recombinant human IL-17B protein

Catalog Number: ATGP3535

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

21-180aa

UniProt No.

Q9UHF5

NCBI Accession No.

NP_055258

Alternative Names

Interleukin 17B, IL-17B, Cytokine Zcyto7, Interleukin-20, IL-20, Neuronal interleukin-17-related factor, NIRF, ZCYTO7

PRODUCT SPECIFICATION

Molecular Weight

19.2 kDa (169aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

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

Purity

> 90% 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

IL17B, also known as interleukin-17B isoform 1, is a T cell-derived cytokine that shares sequence similarity with IL17. This cytokine was reported to stimulate the release of TNF alpha (TNF) and IL1 beta (IL1B) from a monocytic cell line. It plays a role in inflammation and bone growth. IL-17B binds to IL-17 RB and induces the

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production of inflammatory cytokines and the infiltration of inflammatory immune cells. Recombinant human IL17B protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

<ADP>QPRSPKS KRKGQGRPGP LAPGPHQVPL DLVSRMKPYA RMEEYERNIE EMVAQLRNSS ELAQRKCEVN
LQLWMSNKRS LSPWGYSINH DPSRIPVDLP EARCLCLGCV NPFTMQEDRS MVSVPVFSQV PVRRRLCPPP PRTGPCRQRA
VMETIAVGCT CIF<HHHHHH>

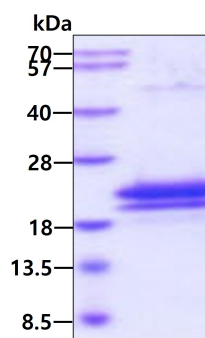
General References

Yamaguchi Y., et al. (2007) J Immunol. 179:7128-136

Reynolds JM., et al. (2015) Immunity. 42:692-703

DATA

SDS-PAGE



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