PRODUCT INFORMATION

Expression system E.coli

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

20 kDa (185aa)

Concentration 1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity > 90% by SDS-PAGE

Tag His-Tag

Application SDS-PAGE, Denatured

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 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. Immunohistochemical analysis of several nerve tissues indicated that this cytokine is primarily localized to neuronal cell bodies. Recombinant human IL17B protein, fused to His-tag at N-terminus, was expressed in E. coli.



Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSHMQPRSP KSKRKGQGRP GPLAPGPHQV PLDLVSRMKP YARMEEYERN IEEMVAQLRN SSELAQRKCE VNLQLWMSNK RSLSPWGYSI NHDPSRIPVD LPEARCLCLG CVNPFTMQED RSMVSVPVFS QVPVRRLCP PPPRTGPCRQ RAVMETIAVG CTCIF

General References

T.A. Moseley1, D.R. Haudenschild1, et al. (2003). Cytokine & Growth Factor Reviews 14 (2003) 155-174

SDS-PAGE	
(kDa) 70 57	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
40	
28	
18	
13.5	
8.5	
0.0	

