
Product Data Sheet

Product Name: IL17RB Human
 Cat. No.: GP20601
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interleukin17 Receptor B; IL17RH1; IL17BR; Interleukin 17B Receptor; Cytokine;Receptor-Like 4; Interleukin-17B Receptor; IL-17 Receptor Homolog 1; IL-17Receptor B; IL-17B Receptor; IL-17Rh1; IL-17RB; EVI27; CRL4; Interleukin 17Receptor Homolog 1; Interleukin-17 Receptor B; Cytokine Receptor CRL4.		
Amino Acid Sequence	REPTVQCGSE TGPSPEWMLQ HDLIPGDLRD LRVEPVTTTSV ATGDYSILMNVSWVLRADAS IRLKATKIC VTGKSNFQSY SCVRCNYTEA FQTQTRPSGG KWTF SYIGFP VELNTVYFIGAHNIPNANMN EDGPSMSVNF TSPGCLDHIM KYKKKCVKAG SLWDPNITAC KKNEETVEVN FTTTPLGNRYMALIQHSTII GFSQVFEPHQ KKQTRASVVI PVTGDSEGAT VQLTPYFPTC GSDCIRHKGT VVLCPQTGVPFPLDNNKSKP GGWLPVEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHEDPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKAKGQPREPQVY TLPPSRDEL KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTTPVLD SDGSFFLYSKLTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH.		
Formulation	IL17RB protein solution (0.25mg/ml) containing phosphatebuffered saline (pH 7.4) and 10% glycerol.		

Introduction

IL17 is a proinflammatory cytokine produced by activated T cells. IL-17 regulates the activities of NF-kappaB and mitogen-activated protein kinases. Interleukin-17 can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of IL-17 are associated with

Caution: Product has not been fully validated for medical applications. For research use only.

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several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

IL17RB Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 514 amino acids (18-292a.a) and having a molecular mass of 57.2kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions). IL17RB is fused to a 239 amino acid hIgG-His-tag at C-terminus & purified by proprietary chromatographic techniques.

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