
Product Data Sheet

Product Name: IL17RA Human
 Cat. No.: GP20600
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Interleukin 17 Receptor A; IL-17 Receptor A; IL-17RA; CDw217; IL17R; Interleukin-17 Receptor A; Interleukin 17 Receptor; CD217 Antigen; HIL-17R; CANDF5; CD217; IMD51.		
Amino Acid Sequence	LRLLDHRALV CSQPGLNCTV KNSTCLDDSW IHPRNLTPSS PKDLQIQLHF AHTQQGDLFP VAHIEWTLQT DASILYLEGA ELSVLQLNTN ERLCVRFEFL SKLRHHHRRW RFTFSHFVVD PDQEYEVTVH HLPKPIPDGD PNHQSKNFLV PDCEHARMKV TTPCMSSGSL WDPNITVETL EAHQLRVSFT LWNETHYQI LLTSFPHMEN HSCFEHMHHI PAPRPEEFHQ RSNVTLTLRN LKGCCRHQVQ IQPFFSSCLN DCLRHSATVS CPEMPDTPEP IPDYMWPLWVE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPPP VLDSGDGSFFL YSKLTVDKSR WQQGNVFCSC VMHEALHNHY TQKSLSLSPG KHHHHHHH.		
Formulation	IL17RA protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

Interleukin-17 receptor A isoform 1 (IL17RA) is a cytokine receptor which binds interleukin 17. IL17RA is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. IL17RA is a type 1 membrane glycoprotein which binds with low affinity to interleukin 17A. The IL17RA protein and Interleukin 17A has a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis.

Stability

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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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

IL17RA Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 527 amino acids (33-320) and having a molecular mass of 60.4kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). IL17RA is fused to a 239 amino acids hIlgG-His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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