

Recombinant Full Length Human Interleukin-12 Receptor Subunit Beta-1(IL12Rb1) Protein, His-Tagged

Cat. No. RFL3414HF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human Interleukin-12 receptor subunit beta-1(IL12RB1) Protein (P42701) (24-662aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length of Mature Protein (24-662)

Form

Lyophilized powder

AA Sequence

CRTSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFLR
 CCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVESWARNQTEKSPEVTLQL
 YNSVKYEPPLGDIKVS KLAGQLRM EWETPDNQVGA EVQFRH RTPSSPWKLGDCGP
 QDDDTESCLC PLEMNVAQEFQLRRRQLGSQGSSWSKWSSPVCVPPENPPQPQVR
 FSVEQLGQDGRRLTLKEQPTQLELPEGCQGLAPGTEVTYRLQLHMLSCPCAKAT
 RTLHLGKMPYLSGAAYNVAVISSNQFGPGLNQTWHIPADTHTEPVALNISVGTNGTT
 MYWPARAQSMTYCIEWQPVGQDGGLATCSLTAPQDPDPAGMATYSWSRESGAM
 GQEKCYITIFASAHPEKLTWSTVLSTYHFGGNASAAGTPHHVSVKNHSLDSVSVD
 WAPLLSTCPGVLKEYVVR CRDEDSKQVSEHPVQPTETQVTL SGLRAGVAYTVQV
 RADTAWLRGVWSQPQRFSIEVQVSDWLIFASLGSFLSILLVGV LGLNRAARHL
 CPPLPTPCASSAIEFPGGKETWQWINPVDFQEEASLQEALV VEMSWDKGERTEPLE
 KTELPEGAPELALDTELSLEDGDRCKAKM

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	IL12RB1
Synonyms	IL12RB1; IL12R; IL12RB; Interleukin-12 receptor subunit beta-1; IL-12 receptor subunit beta-1; IL-12R subunit beta-1; IL-12R-beta-1; IL-12RB1; IL-12 receptor beta component; CD antigen CD212
UniProt ID	P42701

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