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IL12RB1, 24-545aa, Human, His tag, Insect cell

产品货号: TP02608

第三版

别名: Interleukin-12 receptor subunit beta-1 isoform 1, CD212, IL-12R-BETA1, IL12RB

**描述:** IL12RB1, also known as Interleukin-12 receptor subunit beta-1, is a intercellular adhesion molecule 1. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. It forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of this protein and IL12RB2 was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. Recombinant human IL12RB1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:** Liquid. In phosphate buffered saline (pH 7.4) containing 20% glycerol, 1mM EDTA, 0.1mM PMSF.

**分子量:** 58.4kDa (528aa) 50-70kDa (SDS-PAGE under reducing conditions.)

**序列:**

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CRTSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFLRCCLSSGRCCYFAAGSATRLQFSDQAG
VSVLYTVTLWVESWARNQTEKSPEVTLQLYNSVKYEPPLGDIKVSCLAGQLRMWETPDNQVGAEVQFRHRTSPSPWKL
GDCGPQDDDTESCLCPLEMNVAQEFQLRRRQLGSQGSSWSKWSSPVCVPPENPPQPQVRFVSVEQLGQDGRRLTLKEQP
TQLELPEGCQGLAPGTEVTYRLQLHMLSCPCAKATRTHLHGKMPYLSGAAYNVAVISSNQFGPLNQTWHIPADTHTE
PVALNISVGTNGTTMYWPARAQSMTYCIEWQPVGQDGLATCSLTAPQDPDPAGMATYSWSRESGAMGQEKCYYITIF
ASAHPEKLTWSTVLSTYHFGGNASAAGTPHHVSVKNHSLDSVSDWAPSLSTCPGVLKEYVVRCDSDSKQVSEHPV
QPTETQVTLGSLRAGVAYTVQVRADTAWLRGVVWSQPQRFSIEVQVSDHHHHHHH
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**纯度:** > 95% by HPLC

**浓度:** 0.25mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.