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IL12RB1, 1-545aa, Human, His tag, E.coli

产品货号: TP02607

第三版

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

描述: IL12RB1 is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. This protein forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. Recombinant human IL12RB1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM TRIS 8.0 buffer containing 10% glycerol

分子量: 62.6kDa (568aa)

序列:

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MGSSHHHHHSSGLVPRGSHMGSMELVTVWVPLLFLFLLSRQGAACRTSECCFQDPPYPDADSGSASGPRDLRCYRISS  
DRYECSWQYEGPTAGVSHFLRCCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVESWARNQTEKSPEVTLQLYNS  
VKYEPPLGDIKVS LAGQLRMEWETPDNQVGAEVQFRHRTSPSPWKLGDGCPQDDDTESCLCPLMNVAQEFQLRRRQ  
LGSQGSSWSKWSSPVCVPPENPPQPQVRFVSVEQLGQDGRRLTLKEQPTQLELPEGCQGLAPGTEVTYRLQLHMLSCPCK  
AKATRTLHLGKMPYLSGAAYNVAVISSNQFGPLNQTWHIPADTHTEPVALNISVGTNGTTMYWPARAQSMTYCIEWQ  
PVGQDGGSLATCSLTAPQDPDPAGMATYSWSRESGAMGQEKCYITIFASAHPEKLTWSTVLSTYHFGGNASAAAGTPHH  
VSVKNHSLDSVSDWAPSLSTCPGVLKEYVVRCDKQVSEHPVQPTETQVTLGSLRAGVAYTVQVRADTAWLRG  
VWSQPQRFSIEVQVSD
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纯度: > 95% by HPLC

浓度: 0.25 mg/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.