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IL13RA1, 22-343aa, Human, His tag, Insect cell

产品货号: TP02609

第三版

别名: Interleukin-13 receptor subunit alpha-1, CD213A1, IL-13Ra, NR404235

描述: IL13RA1, also known as Interleukin-13 receptor subunit alpha-1, is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. It is essential for allergen-induced airway hyperactivity and mucus hypersecretion. Recombinant human IL13RA1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate buffer saline (pH 7.4)

分子量: 37.7kDa (328aa) 40-57kDa (SDS-PAGE under reducing conditions.)

序列:

GGGGAAPTETQPPVTNLSVSVENLCTVIWWTWNPPEGASSNCSLWYFSHFQDKQDKKIAPETRRSIEVPLNERICLQVGSQC  
STNESEKPSILVEKCISPPEGDPESA VTELQCIWHNLSYMKCSWLPGRNTSPDTNYTLTYWHRSLKIHQCENIFREGQYFG  
CSFDLTKVKDSSFQHSVQIMVKDNAGKIKPSFNIVPLTSRVKPDPPHIKNSLHNDLQWENPQNFISRCLFYEVN  
NSQTETHNVFYVQEAKCENPEFERNVENTSCFMVPGVLPDTLNTVIRIRVKTNLKCYEDDKLWSNWSQEMSIGKKRNST  
HHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/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.