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IL2RG, 23-262aa , Human, His tag, Insect cell

产品货号: TP02633

第三版

别名:Cytokine receptor common subunit gamma , CD132, CIDX, IL-2RG, IMD4, P64, SCIDX, SCIDX1

描述:IL2RG, also known as Interleukin-2 receptor common subunit gamma, is a cytokine receptor sub-unit that is common to the receptor complexes for at least six different interleukin receptors. This protein is located on the surface of immature blood-forming cells in bone marrow. One end of the protein resides outside of the cell where it binds to cytokines and the other end of the protein resides in the interior of the cell where it transmits signals to the cell's nucleus. The common gamma chain partners with other proteins to direct blood-forming cells to form lymphocytes. It also directs the growth and maturation of lymphocyte subtypes. These cells kill viruses, make antibodies, and help regulate the entire immune system. Recombinant human IL2RG, 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:29.0kDa (246aa) 40-57kDa (SDS-PAGE under reducing conditions.)

序列:

LNTTILTPNGNEDTTADFFLTTMPTDSLVSSTLPLPEVQCFVFNVEYMNCTWNSSEPQPTNLTLYWYKNSDNDKVQKC
SHYLFSEEITSGCQLQKKEIHLYQTFVVQLQDPREPRRQATQMLKLQNLVIPWAPENLTLHKLSSESQLELNWNNRFLNHCL
EHLVQYRTDWDHWSWTEQSVDYRHKFSLPSVDGQKRYTFRVRSRFNPLCGSAQHWSEWSHPHIGWGSNTSKENPFLFALEA
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.