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Recombinant Mouse IFNGR2 Protein (His tag)

产品货号: TP07233

第三版

别名: Ifgr2; Ifgt

描述: Interferon gamma receptor beta chain (IFN γ R2), also known as IFNGR2, belongs to the type II cytokine receptor family, whose deficiency is a cause of autosomal recessive mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. This accessory factor is an integral part of the IFN- γ signal transduction pathway and is likely to interact with GAF, JAK1, and/or JAK2. IFNGR2 is a component of the IFN γ receptor complex along with the IFN γ R alpha chain (IFNGR1), and is a new Bax suppressor. The C-terminal fragment (cytoplasmic domain) of IFN γ R2 is expressed in human cancer cell lines of megakaryocytic cancer (DAMI), breast cancer (MDA-MD-468), and prostate cancer (PC3 cells). The Th1 cytokine IFN γ , acting through its heterodimeric receptors, IFN γ R1 and IFN γ R2, in the induction/proliferation of Th1 cells, might suppress the Th2 responses that may underlie atopic asthma. IFNGR2 has always been seen as a key mechanism for shielding T lymphocytes from the antiproliferative effects of the IFN γ -signal transducer and activator of transcription 1 (STAT1) pathway.

配方: PBS

分子量: 26.7 kDa

序列: Met 1-Val 243

纯度: > 95% by HPLC

浓度:

内毒素: <1.0 EU per 1 μ g 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.