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KIR3DL1(Cytoplasmic tail, 361-444aa, His-tag, Human), Recombinant, E.coli

产品货号: TP02731

第三版

别名: Killer cell immunoglobulin-like receptor 3DL1, CD158E1, KIR, NKAT3, NKB1, NKB1B

描述: The three Ig-domain from of inhibitory killer cell Ig-like receptor 1(KIR3DL1, NKB1, nkat3, p70KIR) is a NK cell receptor for polymorphic HLA-B determinant. KIR3DL1 recognizes the Bw4 determinant defined by sequence motifs at positions 77-83 of the HLA-B heavy chain. The cytoplasmic tail of KIR, which contains two immunoreceptor tyrosine-based inhibition motifs(ITIMs), mediates inhibitory signal transduction that prevents killer cell-mediated cytotoxicity. A His-tag fusion protein of KIR3DL1 cytoplasmic tail(361-444aa) was overexpressed as insoluble protein aggregates(inclusion bodies). This protein was purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer.

配方: Liquid. In 25 mM Tris-HCl buffer (pH 7.5) containing 100 mM NaCl

分子量: 15 kDa (132 aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSTSGTIDKLDIEFHLWCSNKKNAAVMDQEPAGNRTANSE
DSDEQDPEEVTYAQLDHCVFTRKQITRPSQRPKTPPTDTILYTELPNAKPRSKVVSCP

纯度: > 95% by HPLC

浓度: 1 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.