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KIR2DL1(p58 KIR, CD158), Human, Recombinant, Recombinant, E.coli

产品货号: TP02728

第三版

别名: Killer cell immunoglobulin-like receptor 2DL1, NKAT-1, p58 NK receptor, CD158a

描述: An inhibitory Keller Cell Ig-like Receptor(KIR, previously called p58 KIR, p58.1, cl-42, NKAT1, or KIRK6), which recognizes class I MHC molecules(HLA-Cw2, -Cw4, -Cw5, and Cw6). The protein coding region of the extracellular domain of KIR2DL1(amino acids 1-202) was cloned into an E. coli expression vector. The extracellular domain of KIR2DL1 was overexpressed as insoluble protein aggregates(inclusion bodies). The recombinant KIR2DL1 protein was purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 7.5)

分子量: 22.2kDa (202aa), confirmed by MALDI-TOF

序列:

MEGVHRKPSLLAHPGRLVKSEETVILQCWSDVMFEHFLFHREGMFNDTLRLIGEHHDGVSKANFSISRMTQDLAGTYRC
YGSVTHSPYQVSAPSDPLDIVIIGLYEKPSLSAQLGPTVLAGENVTLSCSSRSSYDMYHLSREGEAHERRLPAGPKVNGTFQA
DFPLGPATHGGTYRCFGSFHDSPEYWSKSSDPLLVSVTGN

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.