

KIR2DL3(p58 KIR, CD158), Human, Recombinant, Recombinant, E.coli

Cat.NO.: TP02729

3th Edition

Synonyms:Killer cell immunoglobulin-like receptor 2DL3, NKAT-2, p58 NK receptor, CD158b2

Description:An inhibitory Killer Cell Ig-like Receptor(KIR, previously called p58 KIR, cl-6, NKAT2 or KIR-K7), which recognizes class I MHC molecules(HLA-Cw1, -Cw3, -Cw7, and Cw8). The protein coding region of the extracellular domain of KIR2DL3(amino acid 1-202) was cloned into an E. coli expression vector. The extracellular domain of KIR2DL3 protein was purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer.

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

Molecular Weight:22.2kDa (202aa), confirmed by MALDI-TOF

Sequences:

MEGVHRKPSLLAHPGPLVKSEETVILQCWSDVRFQHFLHREGKFKDTLHLIGEHHDGISKANFSIGPMMQDLAGT
YRCYGSVTHSPYQLSAPSDPLDIVITGLYEKPSLSAQPGPTVLAGE SVTLSCSSRSSYDMYHLSREGEAHERRFSA
GPKVNGTFQADFPLGPATHGGTYRCFGSFRDSPYEWSNSSDPLLVSVTGN

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.