

---

**KIR2DL1 (p58 KIR, CD158) Human, Recombinant****Cat. No. KIR3001****Size ; 100  $\mu$ g**

---

**Synonyms :** NKR-K6(GenBank)

**Description :** An inhibitory Keller Cell Ig-like Receptor(KIR, previously called p58 KIR, p58.1, cl-42, NKAT1, or KIR-K6), 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.

**Form :** Liquid. In 20 mM Tris-HCl buffer(pH7.5).**Molecular weight :** 22.2KDa**Purity :**  $\geq$  95% by SDS-PAGE

**Sequence :** MEGVHRKPSL LAHPGRLVKS EETVILQCWS DVMFEHFLH REGMFNDTLR LIGEHHDGVS  
KANFSISRMT QDLAGTYRCY GSVTHSPYQV SAPSDPLDIV IIGLYEKPSL SAQLGPTVLA  
GENVTLS CSS RSSYDMYHLS REGEAHERRL PAGPKVNGTF QADFPLGPAT HGGTYRCFGS  
FHDSPEYWSK SSDPLLVSVT GN

**Storage :** Store -20°C. Avoid freeze/thaw cycles

**Reference :** Steffens, U. *et al.* (1998) *Tissue Antigens* 51, 398-413.  
Wagtmann, N.R., *et al.* (1995) *Immunity* 2, 439-449.  
Colonna, M. *et al.* (1995) *Science* 269, 405-408;  
Kim, J. *et al.* (1997) *J. Immunol.* 159, 3875-3882.

