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**KIR2DS4 (p50 KIR, CD158) Human, Recombinant****Cat. No. KIR3003****Size ; 100  $\mu$ g**

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**Synonyms :** NKR-K1(GenBank)

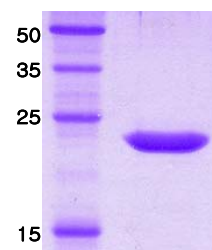
**Description :** An activating Killer Cell Ig-like Receptor(KIR, previously called p50 KIR, p50.3, c139, or KAR-K1), which may recognize class I MHC molecules. The protein coding region of the extracellular domain of KIR2DS4(amino acids 1-202) was cloned into an *E. coli* expression vector. The extracellular domain of KIR2DS4 was overexpressed as insoluble protein aggregates(inclusion bodies). The recombinant KIR2DS4 protein was purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer.

**Molecular Weight :** 22.2KDa**Form :** Liquid. In 20 mM Tris-HCl buffer(pH7.5).

**Sequence :** MEGVHRKPSF LALPGHLVKS EETVILQCWS DVMFEHFLH REGKFNNTLH  
LIGEHHDGVS KANFSIGPMM PVLAGTYRCY GSVPHSPYQL SAPSDPLDMV IIGLYEKPSL  
SAQPGPTVQA GENVTLS CSS RSYD MYHLS REGEAHERRL PAVRSINGTF QADFPLGPAT  
HGGTYRCFGS FRDAPYEWSN SSDPLLVSVT GN

**Purity :**  $\geq$  95% by SDS-PAGE**Storage :** Store at -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  
Kim, J. *et al.* (1997) *J. Immunol.* 159, 3875-3882



14% SDS-PAGE