

---

**Product Data Sheet**


---

Product Name: KIR2DL5A Human

Cat. No.: GP23747

Batch No.: 1

**Product Data**

Purity &gt;98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms Killer Cell Immunoglobulin Like Receptor; Two Ig Domains And Long Cytoplasmic Tail 5A; Killer Cell Immunoglobulin-Like Receptor; Two Domains; Long Cytoplasmic Tail 5A; KIR2DL5; CD158F; Killer Cell Immunoglobulin-Like Receptor; Two Domains; Long Cytoplasmic Tail; 5; Killer Cell Immunoglobulin-Like Receptor KIR2DL5A; Killer Cell Immunoglobulin-Like Receptor 2DL5A; CD158f1 Antigen; KIR2DL5.1; KIR2DL5.3; CD158F1; KIR2DL5A.

Amino Acid Sequence  
 ADPHEGGQDK PLLSAWPSAV VPRGGHVTLL CRSRLGFTIF SLYKEDGVPV  
 PELYNKIFWK SILMGPVTPA HAGTYRCRGS HPRSPIEWSA PSNPLVIVVT  
 GLFGKPSLSA QPGPTVRTGE NVTLSCSSRS SFDMYHLSRE GRAHEPRLPA  
 VPSVNGTFQA DFPLGPATHG GTYTFCGSLH DSPYEWSDPS DPLLVSVTGN  
 SSSSSSSPTE PSSKTGIRRH VEPKSCDKTH TCPPCPAPEL LGGPSVFLFP  
 PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE  
 QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR  
 EPQVYTLPPS RDELTKNQVS LTCLVKGFYP SDIAVEWESN GQPENNYKTT  
 PPVLDSGDSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTQKSLSL  
 PGKHHHHHHH.

Formulation KIR2DL5A protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Introduction**

Killer cell immunoglobulin-like receptor 2DL5A (KIR2DL5A) is a type I transmembrane glycoprotein which is a member of the killer cell Ig-like receptor (KIR) family. KIR2DL5A is detected on the cell surface as a monomer which, upon tyrosine phosphorylation, recruits the Src homology region 2-containing protein tyrosine phosphatase-2. Therefore,

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

KIR2DL5A is an inhibitory receptor gathering a combination of genetic, structural, and functional features unique among KIR, suggesting that KIR2DL5A plays a specialized role in innate immunity.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

KIR2DL5A Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 459 amino acids (22-238a.a.) and having a molecular mass of 50.5kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). KIR2DL5A is expressed with a 239 amino acids hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**