

Product information

KIR2DL5A, 22-238aa

Human, hlgG-His-tagged, Recombinant, Insect cell

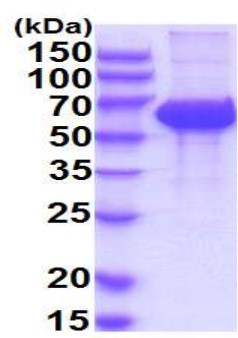
Cat. No. IBATGP3623

Full name: Killer cell immunoglobulin-like receptor 2DL5A

NCBI Accession No.: NP_065396

Synonyms: KIR2DL5A, CD158F, KIR2DL5A.1, KIR2DL5A.3

Description: KIR2DL5A, also known as killer cell immunoglobulin-like receptor 2DL5A, is a type I transmembrane glycoprotein that belongs to the killer cell Ig-like receptor (KIR) family. It is detected on the cell surface as a monomer that, upon tyrosine phosphorylation, recruits the Src homology region 2-containing protein tyrosine phosphatase-2. It is thus an inhibitory receptor gathering a combination of genetic, structural, and functional features unique among KIR, which suggests that it plays a specialized role in innate immunity. Recombinant human KIR2DL5A, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

<p>Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.</p> <p>Molecular Weight: 50.5kDa (459aa) 50-70kDa (SDS-PAGE under reducing conditions)</p> <p>Predicted N terminal: Ala</p> <p>Purity: > 90% by SDS - PAGE.</p> <p>Concentration: 0.25mg/ml (determined by Absorbance at 280nm)</p> <p>Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)</p>	 <p>15% SDS-PAGE (3µg)</p>
<p>Sequences of amino acids:</p> <p><u>ADPHEGGQDK PLLSAWPSAV VPRGGHVTLL CRSRLGFTIF SLYKEDGVPV PELYNKIFWK SILMGPVTPA HAGTYRCRGS HPRSPIEWSA</u> <u>PSNPLVIVVT GLFGKPSLSA QPGPTVRTGE NVTLSCSSRS SFDMYHLSRE GRAHEPRLPA VPSVNGTFQA DFPLGPATHG GTYTFCGSLH</u> <u>DSPYEWSDPS DPLLVSVTGN SSSSSSSPTE PSSKTGIRRH VEPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV</u> <u>DVSHEDEPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS</u> <u>RDELTKNQVS LTCLVKGFYP SDIAVEWESN GQPENNYKTT PPVLDSDGSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTKQSLSL</u> <u>PGKHHHHHH</u></p>	

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: info@ibl-america.com Web: www.ibl-america.com

Product information

General references:

Vilches, C., *et al.* (2000) *J. Immunol.* 164: 5797-5804.

Lanier, L. L., *et al.* (2005) *Rev. Immunol.* 23: 187-225.

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.

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Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com