

KIR2DL5/CD158f Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P77730
Synonyms:	KIR2DL5A; CD158F; CD158F1; KIR2DL5; KIR2DL5.1; KIR2DL5.3; KIR2DL5A; KIR2DL5B
Species:	Human
Source:	HEK293
Accession:	Q8N109 (H22-H240)
Gene ID:	57292
Molecular Weight:	45-55 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	KIR2DL5/CD158f, expressed on natural killer (NK) cells, functions as a receptor for HLA-C alleles. This receptor operates in an inhibitory manner, regulating NK cell activity to prevent cell lysis. By interacting with specific HLA-C molecules, KIR2DL5 contributes to the delicate balance of inhibitory signals in the immune system, fine-tuning the response of NK cells to potential targets.
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Caution: Product has not been fully validated for medical applications. For research use only.

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