

Rev01
 Update: Apr,07,2025

DATASHEET

KIR2DL5, His & Avi, Human

Cat. No.: Z05548

Product Introduction

Species	Human
Protein Construction	 <small>N-term</small> <small>C-term</small>
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	26.3 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 45-52 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : A recently developed anti-KIR2DL5 (CD158f) antibody has demonstrated KIR2DL5 expression on the surface of NK and T lymphocytes, making it the last functional KIR identified in the human genome. KIR2DL5 belongs to an ancestral lineage of KIR with Ig-like domains of the D0-D2 type, of which KIR2DL4, an HLA-G receptor, is the only other human member.

Synonyms : KIR2DL5A; CD158F; CD158F1; KIR2DL5; KIR2DL5.1; KIR2DL5.3; KIR2DL5A; KIR2DL5B

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