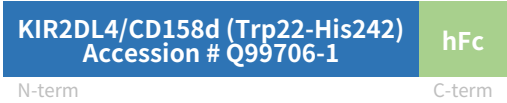


Rev03
Update: Aug,08,2025**DATASHEET**

KIR2DL4/CD158d hFc Chimera, Human

Cat. No.: Z05547

Product Introduction

Species	Human
Protein Construction	 KIR2DL4/CD158d (Trp22-His242) Accession # Q99706-1 hFc N-term C-term
Purity	> 90% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	50.24 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Formulation	Supplied as 0.22 µm filtered solution in 20mM PB, 500mM NaCl, 200mM L-Arginine (pH 7.4).
Concentration	Verified by one or more methods from A280/Bioactivity/BCA/Bradford.
Storage & Stability	This product remains stable for 6 months at -80°C or below. Avoid repeated freeze-thaw cycles.

Background

Target Background : KIR2DL4 is an unusual killer cell immunoglobulin-like receptor (KIR) family member in terms of its structure, expression, cellular localization, and signaling properties. The most conserved KIR in evolution, it is referred to as a framework KIR gene and is expressed by all natural killer (NK) cells and a subset of T cells.

Synonyms : G9P; KIR2DL4; CD158d; KIR-103AS; KIR103AS

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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