

Recombinant Human KIR2DL4, LEVLFQ tagged

Cat. No. KIR2DL4-337H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIR2DL4 (ADY38409.1) (Met1-His242), fused with six amino acids (LEVLFQ) at the C-terminus, was produced in CHO Cells.
Species	Human
Source	CHO
ProteinLength	1-242 a.a.
Predicted N Terminal	Trp 24
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human KIR2DL4 consists of 228 amino acids and predicts a molecular mass of 25.1 KDa. It migrates as an approximately 33-37 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	KIR2DL4 killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4 [Homo sapiens]
Official Symbol	KIR2DL4
Gene ID	3805
mRNA Refseq	NM_001080770
Protein Refseq	NP_001074239
MIM	604945
UniProt ID	Q99706
Chromosome Location	19q13.4

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