

Recombinant Full Length Rat Nkg2-D Type II Integral Membrane Protein(Klrk1) Protein, His-Tagged

Cat. No. RFL11883RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat NKG2-D type II integral membrane protein(Klrk1) Protein (O70215) (1-215aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-215)
Form	Lyophilized powder
AA Sequence	MSKCHNYDLKPAKWDTSQEHQKQRSALPTSRPGENGIIRRRSSIEELKISPLFVVRV LVAAMTIRFTVITLTWLAVFITLLCNKEVSVSSREGYCGPCPNDWICHRNNCYQFFNE NKAWNQSQASCLSQNSSLLKIYSKEEQDFLKLVKSYHWMGLVQSPANGSWQWED GSSLSPNELTLVKTPSGTCAVYGSSFKAYTEDCSNPNTYICMKRAV
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION**Gene Name**

Klrk1

Synonyms

Klrk1; Nkg2d; Nkrp2; NKG2-D type II integral membrane protein; Killer cell lectin-like receptor subfamily K member 1; NK cell receptor D; NK lectin-like receptor; NKLLR; NKG2-D-activating NK receptor; NKR-P2; CD antigen CD314

UniProt ID

[O70215](#)

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