

# Recombinant Full Length Human Killer Cell Immunoglobulin-Like Receptor 2Ds4(Kir2Ds4) Protein, His-Tagged

**Cat. No.** RFL5573HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Human Killer cell immunoglobulin-like receptor 2DS4(KIR2DS4) Protein (P43632) (22-304aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length of Mature Protein (22-304)   |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | QEGVHRKPSFLALPGHLVKSEETVILQCWSDVMFEHLLHREGKFNNTLHLIGEHH<br>GVSKANFSIGPMMPVLAGTYRCYGSVPHPYQLSAPSDPLDMVIIGLYEKPSLSAQP<br>GPTVQAGENVTLSCSSRSSYDMYHLSREGEAHERRLPAVRSINGTFQADFP<br>LGPAT HGGTYRCFGSFRDAPYEWSNSSDPLLVSVTGNPSNSWPSPT<br>EPSSKTGNPRHLHV LIGTSVVKIPFTILLFLLHRWCSDKKNAAVMDQEPAGNRTV<br>NSEDSDQDHEVSY A |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.  |
| <b>Applications</b>     | SDS-PAGE   |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C  |

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for up to one week.

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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**

KIR2DS4

**Synonyms**

KIR2DS4; CD158I; KKA3; NKAT8; Killer cell immunoglobulin-like receptor 2DS4; CD158 antigen-like family member I; MHC class I NK cell receptor; Natural killer-associated transcript 8; NKAT-8; P58 natural killer cell receptor clones CL-39/CL-17; p58 NK rece

**UniProt ID**

[P43632](#)

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