# Recombinant Full Length Human KLRD1 Protein, GST-tagged

**Cat. No.** KLRD1-5773HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human KLRD1 full-length ORF ( AAH28009, 1 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 179 amino acids |
| **Description** | Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq |
| **Molecular Mass** | 45.43 kDa |
| **AA Sequence** | MAVFKTTLWRLISGTLGIICLSLMATLGILLKNSFTKLSIEPAFTPGPNIELQKDSDCCS CQEKWVGYRCNCYFISSEQKTWNESRHLCASQKSSLLQLQNTDELDFMSSSRQFY WIGLSYSEEHTAWLWENGSALSQYLFPSFETFNTKNCIAYNPNGNALDESCEDKNR YICKQQLI |
| **Applications** | Enzyme-linked Immunoabsorbent Assay |

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| | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | KLRD1 killer cell lectin-like receptor subfamily D, member 1 [ Homo sapiens ] |
| **Official Symbol** | KLRD1 |
| **Synonyms** | KLRD1; killer cell lectin-like receptor subfamily D, member 1; CD94; natural killer cells antigen CD94; KP43; CD94 antigen; NK cell receptor; |
| **Gene ID** | 3824 |
| **mRNA Refseq** | NM_001114396 |
| **Protein Refseq** | NP_001107868 |
| **MIM** | 602894 |
| **UniProt ID** | Q13241 |

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