

# Recombinant Human KIR2DS3 Protein (22-245 aa), His-MBP-tagged

**Cat. No.** KIR2DS3-2817H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KIR2DS3 Protein (22-245 aa) is produced by Baculovirus expression system. This protein is fused with a MBP tag at the N-terminal and a 6xHis tag at the C-terminal. Protein Description: Partial.                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                              |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 22-245 aa                                                                                                                                                                                                                                          |
| <b>Description</b>      | Receptor on natural killer (NK) cells for HLA-C alleles. Does not inhibit the activity of NK cells.                                                                                                                                                |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 68.7 kDa                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | HEGFRRKPSLLAHPGRLVKSEETVILQCWSDVMFEHFLLHREGTFNDTLRLIGEHLID<br>GVSKANFSIGRMRQDLAGTYRCYGSVPHPYQFSAPSDPLDIVITGLYEKPSLSAQ<br>P<br>GPTVLAGESVTLSGSSWSSYDMYHLSTEGEAHERRFSAAGPKVNGTFQADFP<br>LGP<br>ATQGGTYRCFGSFHDSPYEWKSSDLLVSVTGNPSNSWSPTEPSSKTGNPRHLH |
| <b>Purity</b>           | > 85% as determined by SDS-PAGE.                                                                                                                                                                                                                   |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.                                                                                                                                                                                                                |

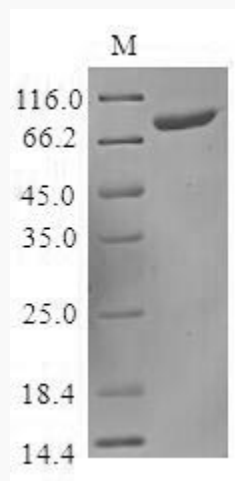
## GENE INFORMATION

|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KIR2DS3 killer cell immunoglobulin like receptor, two Ig domains and short cytoplasmic tail 3 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | KIR2DS3                                                                                                                |
| <b>Synonyms</b>        | KIR2DS3; NKAT7;                                                                                                        |
| <b>Gene ID</b>         | 3808                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_012313                                                                                                              |
| <b>Protein Refseq</b>  | NP_036445                                                                                                              |
| <b>UniProt ID</b>      | Q14952                                                                                                                 |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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