

## Recombinant Rhesus Monkey TNFRSF9 Protein

**Cat. No.** TNFRSF9-1508R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Overview</b> | Recombinant Rhesus monkey TNFRSF9 Protein (NP_001253057 ( aa.24-186)) was expressed in human HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 24-186 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 4-1BB/CD137 is a member of the tumor necrosis factor (TNF) receptor family expressed by activated T cells, but to a larger extent on CD8 than on CD4 T cells. In addition, CD137 expression is found on dendritic cells, follicular dendritic cells, natural killer cells . As a co-stimulatory immune checkpoint molecule,crosslinking of CD137 enhances T cell proliferation, IL-2 secretion, survival and cytolytic activity. Further, it can enhance immune activity to eliminate tumors in mice. |
| <b>Form</b>             | PBS, pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | > 95 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | WB; ELISA; Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | -80 centigrade, Avoid freeze/thaw cycle.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>    | 1 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | TNFRSF9 TNF receptor superfamily member 9 [ <i>Macaca mulatta</i> (Rhesus monkey) ]                                                                                                                                                                                                                                                                                                                                                 |
| Official Symbol | TNFRSF9                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms        | TNFRSF9; tumor necrosis factor receptor superfamily; member 9; ILA; tumor necrosis factor receptor superfamily member 9; 4 1BB; CD137; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor protein 4-1BB; T-cell antigen 4-1BB homolog; induced by lymphocyte activation (ILA); interleukin-activated receptor; homolog of mouse Ly63; 4-1BB; CDw137; MGC2172; FLJ43501; |
| Gene ID         | 708281                                                                                                                                                                                                                                                                                                                                                                                                                              |
| mRNA Refseq     | NM_001266128.1                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Protein Refseq  | NP_001253057                                                                                                                                                                                                                                                                                                                                                                                                                        |

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