

## Active Recombinant Rat CD27 protein, His-tagged

**Cat. No.** CD27-1875R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat CD27 protein(NP_001019506.1)(Thr 21- Arg 183), fused with His tag, was expressed in HEK293.                                                                                                                                |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | Thr 21- Arg 183                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with Trehalose as protectant.                                                                                                                                                     |
| <b>Bio-activity</b>     | Immobilized Mouse CD27 Ligand, Mouse IgG2a Fc Tag, low endotoxin at 2 µg/mL (100 µL/well) can bind Rat CD27, His Tag with a linear range of 2-39 ng/mL.                                                                                    |
| <b>Molecular Mass</b>   | 19.8 kDa                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                 |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                            |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20°C or lower.<br>Please avoid repeated freeze-thaw cycles.<br>This product is stable after storage at:<br>-20°C to -70°C for 12 months in lyophilized state; |

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-70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Cd27 CD27 molecule [ <i>Rattus norvegicus</i> ]                                                                             |
| <b>Official Symbol</b> | CD27                                                                                                                        |
| <b>Synonyms</b>        | CD27; CD27 molecule; CD27 antigen; CD antigen 27; tumor necrosis factor receptor superfamily, member 7; Tnfrsf7; MGC112688; |
| <b>Gene ID</b>         | 500318                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_001024335                                                                                                                |
| <b>Protein Refseq</b>  | NP_001019506                                                                                                                |

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