

## Recombinant Mouse LIGHT protein(His Tag)

Catalog No. PKSM041487

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

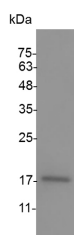
### Description

|                                    |                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>                    | 1700013B14Rik                                                                                                    |
| <b>Species</b>                     | Mouse                                                                                                            |
| <b>Expression Host</b>             | E.coli                                                                                                           |
| <b>Sequence</b>                    | Arg 58-Val 239                                                                                                   |
| <b>Accession</b>                   | Q9QYH9                                                                                                           |
| <b>Calculated Molecular Weight</b> | 20.9 kDa                                                                                                         |
| <b>Observed molecular weight</b>   | 17 kDa                                                                                                           |
| <b>Tag</b>                         | C-His                                                                                                            |
| <b>Bioactivity</b>                 | Measure by its ability to induce cytotoxicity in HT-29 cells. The ED <sub>50</sub> for this effect is < 2 µg/mL. |

### Properties

|                       |                                                                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 98 % as determined by reducing SDS-PAGE.                                                                                                                                                                                            |
| <b>Endotoxin</b>      | < 0.1 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                       |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.                                                                                                                                                       |
| <b>Formulation</b>    | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed manual.           |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.                                                                                                                                                                          |

### Data



> 98 % as determined by reducing SDS-PAGE.

### Background

Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Activates

### For Research Use Only

NFKB and stimulates the proliferation of T-cells. Acts as a ligand for TNFRSF14/HVEM. Upon binding to TNFRSF14/HVEM, delivers costimulatory signals to T cells, leading to T cell proliferation and IFNG production.