

Recombinant Mouse LIGHT protein(His Tag)

Catalog Number: PKSM041487

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

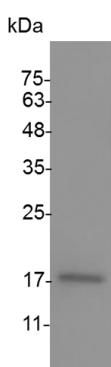
Description

| | |
|----------------------|---|
| Species | Mouse |
| Source | E.coli-derived Mouse LIGHT protein Arg 58-Val 239, with an C-terminal His |
| Calculated MW | 20.9 kDa |
| Observed MW | 17 kDa |
| Accession | Q9QYH9 |
| Bio-activity | Measure by its ability to induce cytotoxicity in HT-29 cells. The ED ₅₀ for this effect is <2 µg/mL. |

Properties

| | |
|-----------------------|--|
| Purity | > 98 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 0.1 EU per µg of the protein as determined by the LAL method. |
| Storage | 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. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. |
| Reconstitution | Please refer to the specific buffer information in the printed manual. 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 NFκB 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 IFNγ production.

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