

# Recombinant Mouse LIGHT protein(His Tag)

Catalog Number:PKSM041487



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

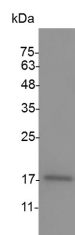
## Description

<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. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. 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 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 IFNG production.

## For Research Use Only

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