ProSci LLC
12170 Flint Place
Poway, CA 92064, USA
ProSciAntibodies.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

CustomerCare@ProSciAntibodies.com
ITSupport@ProSciAntibodies.com

# Mouse TNFRSF11B/Osteoprotegerin Recombinant Protein (85-215)

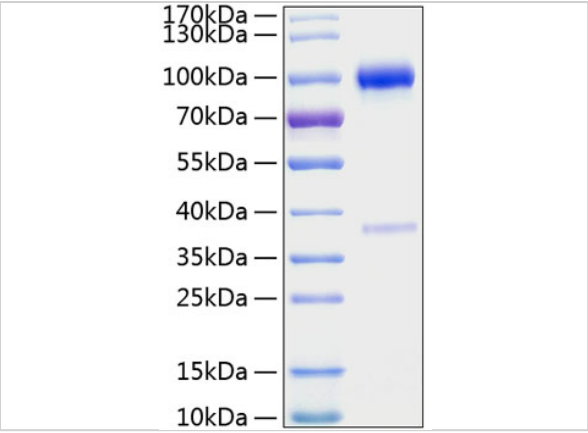
**CATALOG NUMBER: 85-215**

## Specifications

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|---|---|
| **Species** | Mouse |
| **Source Species** | HEK293 cells |
| **Fusion Tag** | C-hFc&His |
| **Tested Applications** | Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB |
| **Predicted Molecular Weight** | 72.71 kDa |
| **Biological Activity** | 1.Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human TNFSF11 at 2 μg/mL (100 μL/well) can bind Recombinant Mouse TNFRSF11B with a linear range of 3-10 ng/mL.<br>2.Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The $ED_{50}$ for this effect is 0.13-0.54 ng/mL in the presence of 20 ng/mL Recombinant Human TRAIL/TNFSF10. |

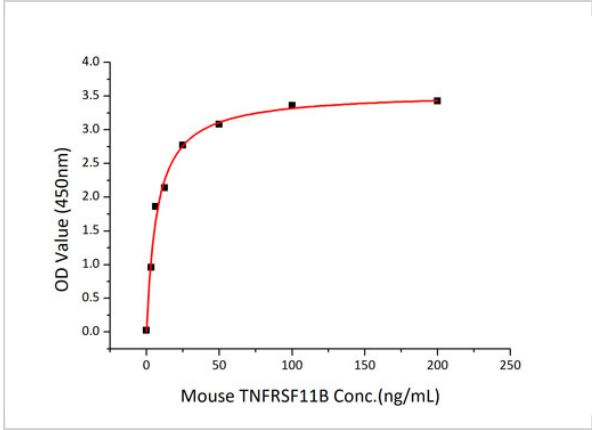
## Properties

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|---|---|
| **Purity** | ≥ 85 % as determined by SDS-PAGE. |
| **Physical State** | Lyophilized |
| **Buffer** | Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation. |
| **Storage Conditions** | Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.<br>After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |



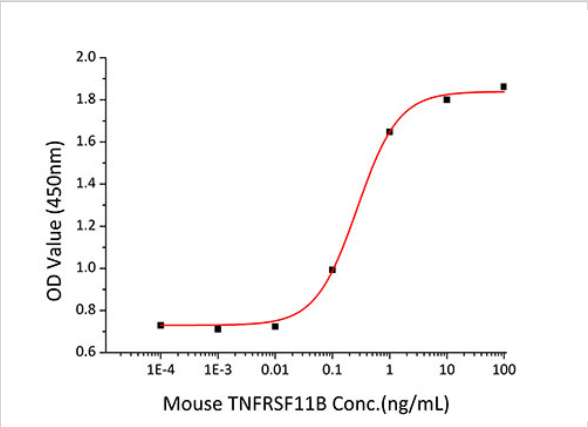

## 85-215_1

Recombinant Mouse TNFRSF11B/Osteoprotegerin Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.




## 85-215_2

Immobilized Recombinant Human TNFSF11 at 2μg/mL (100 μL/well) can bind Recombinant Mouse TNFRSF11B with a linear range of 3-10 ng/mL.




## 85-215_3

Recombinant Mouse TNFRSF11B inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The $ED_{50}$ for this effect is 0.13-0.54 ng/mL in the presence of 20 n...

# Disclaimer

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|---|---|
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