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Human TNFSF11/RANKL/CD254 Recombinant Protein (84-965)

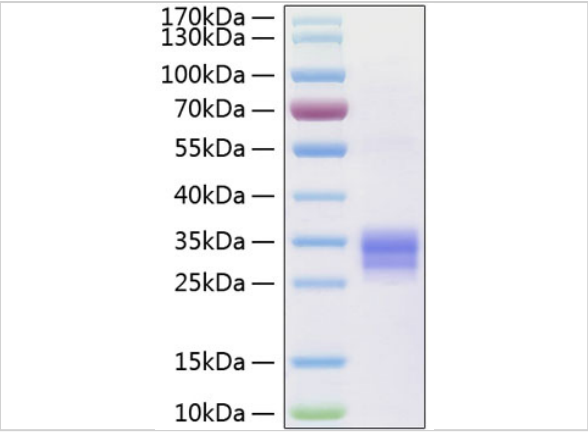
CATALOG NUMBER: 84-965

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	N-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	21.32 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Human TNFSF11 Protein at 2 μg/mL (100 μL/well) can bind Mouse TNFRSF11B with a linear range of 0.049-13.74 ng/mL. 2.Measured by its ability to induce osteoclast differentiation of RAW 264.7 mouse monocyte/macrophage cells. The ED50 for this effect is 10.85-43.42 ng/mL, corresponding to a specific activity of 2.30×104~9.22×104 units/mg.

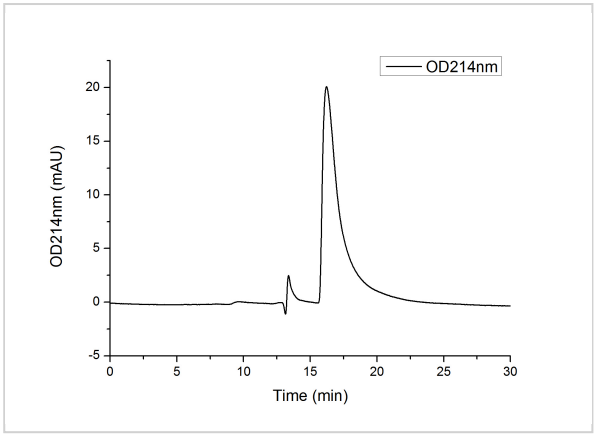
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥ 90 % as determined by HPLC.
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. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



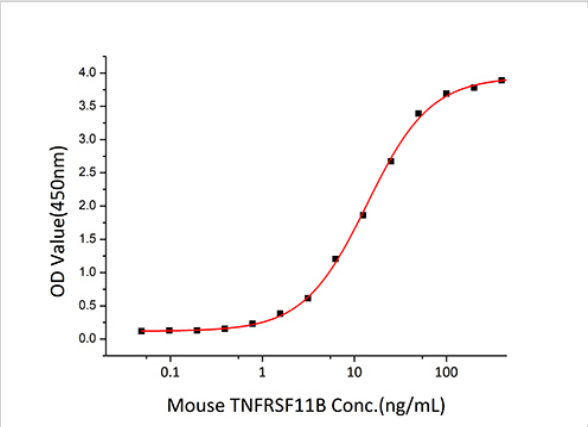
84-965_1

Recombinant Human TNFSF11/RANKL/CD254 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



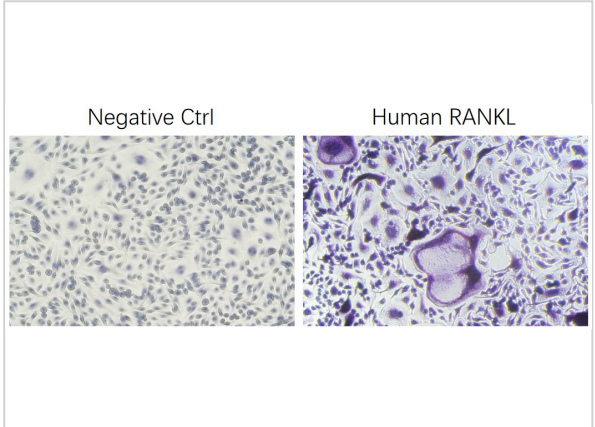
84-965_2

The purity of Human TRANCE/RANK L/TNFSF11 Protein (Cat.84-965) was greater than 90% as determined by SEC-HPLC.



84-965_3

Immobilized Human TNFSF11 Protein at 2 μg/mL (100 μL/well) can bind Mouse TNFRSF11B with a linear range of 0.049-13.74 ng/mL.



84-965_4

Measured by its ability to induce osteoclast differentiation of mouse bone marrow cells.

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.

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