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Human/Mouse/Rat BDNF Recombinant Protein (85-338)

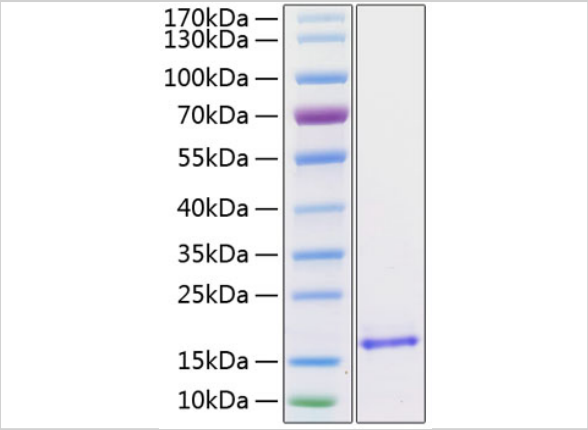
CATALOG NUMBER: 85-338

Specifications

Species	Human,Mouse,Rat
Source Species	E. coli
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	14.35 kDa
Biological Activity	1.Immobilized Recombinant Human/Mouse/Rat BDNF Protein at 5μg/mL (100 μL/well) can bind Recombinant Human TrkB with a linear range of 0.38-1.14 μg/mL.2.Immobilized Recombinant Human/Mouse/Rat BDNF Protein at 1μg/mL (100 μL/well) can bind BDNF Rabbit mAb with a linear range of 0.4-2.15ng/mL.3.Immobilized Recombinant Human TrkB at 2μg/mL (100 μL/well) can bind Recombinant Human BDNF with a linear range of 1.95-258ng/mL.

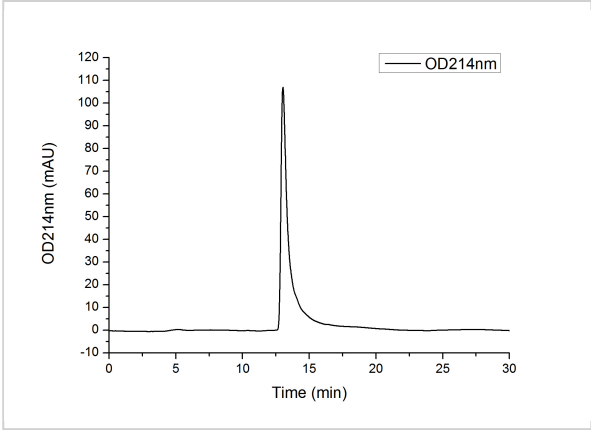
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥95 % 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.



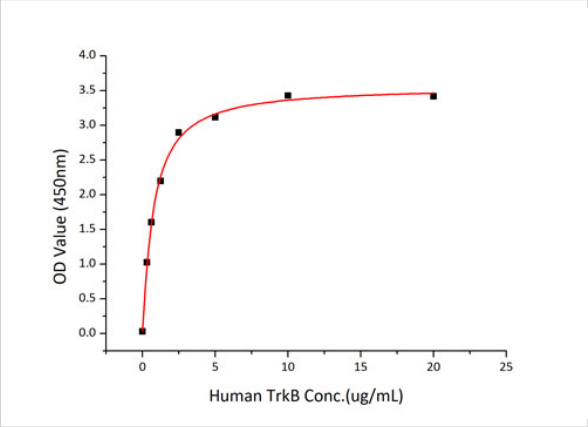
85-338_1

Recombinant Human/Mouse/Rat BDNF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



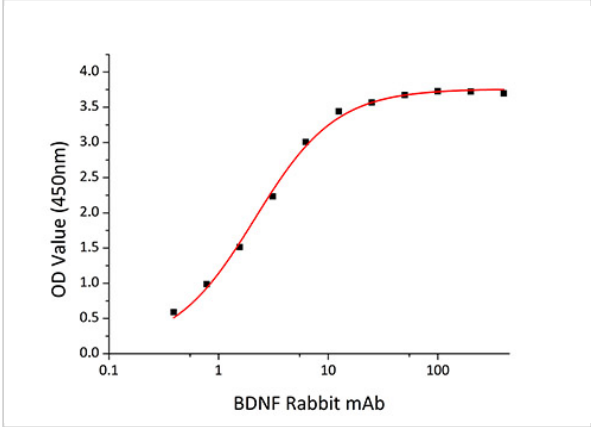
85-338_2

The purity of Recombinant Human/Mouse/Rat BDNF Protein (Cat.85-338) was greater than 95% as determined by SEC-HPLC.



85-338_3

Immobilized Recombinant Human/Mouse/Rat BDNF Protein at 5μg/mL (100 μL/well) can bind Recombinant Human TrkB with a linear range of 0.38-1.14 μg/mL.



85-338_4

Immobilized Recombinant Human/Mouse/Rat BDNF Protein at 1μg/mL (100 μL/well) can bind BDNF Rabbit mAb with a linear range of 0.4-2.15ng/mL.

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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