

## Recombinant Human BDNF protein, For Organoid Culture

Cat. No. BDNF-4565H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BDNF protein(P23560)(His129-Arg247) is expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	His129-Arg247
<b>Tag</b>	Non
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH 7.2.
<b>Bio-activity</b>	Immobilized Human TrkB (C-6His) at 5 µg/mL (100 µL/well) can bind Human/Murine/Rat BDNF: Biotinylated by NHS-biotin prior to testing. The EC50 of Human/Murine/Rat BDNF is ≤20 ng/mL.
<b>Molecular Mass</b>	13 KDa
<b>Endotoxin</b>	< 0.01 EU/µg as determined by LAL test.
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.

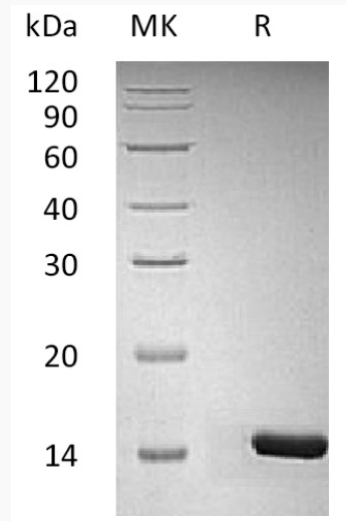
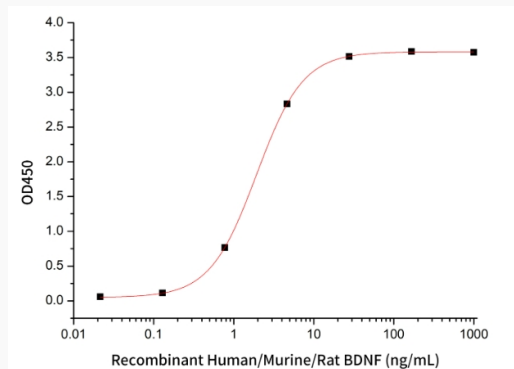
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**Reconstitution**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**SDS-PAGE**

**ELISA**


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