

Recombinant Human BDNF protein, For Organoid Culture

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

SPECIFICATION

Product Overview	Recombinant Human BDNF protein(P23560)(His129-Arg247) is expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His129-Arg247
Tag	Non
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH 7.2.
Bio-activity	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.
Molecular Mass	13 KDa
Endotoxin	< 0.01 EU/µg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	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.

 Tel: 1-631-559-9269 1-516-512-3133

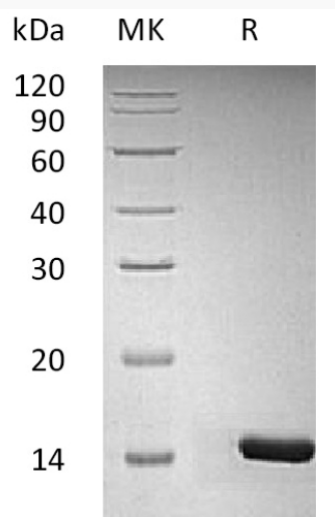
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

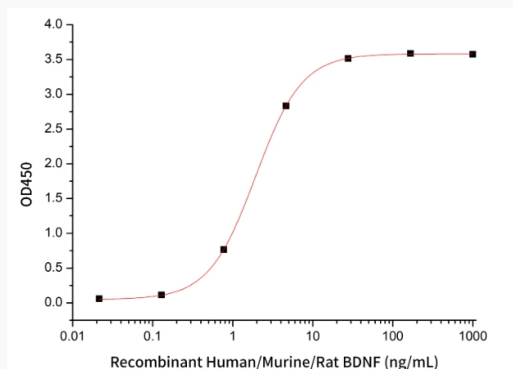
Reconstitution

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



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA