Tinzyme Co., Limited

Email: sales@tinzyme.com Website: www.tinzyme.com
Tel: +86-755-86134126 WhatsApp/Facebook/Twitter: +86-189-22896756

Recombinant Human/Murine/Rat BDNF

Product Number: C00202

Shipping and Storage

1. The product is shipped at ambient temperature.
2. Upon receipt, store it immediately at the temperature listed below.
3. Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.
4. 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.

Components

Component	C00202
Recombinant Human/Murine/Rat BDNF	10μg

Description

Recombinant Human Brain-Derived Neurotrophic Factor is produced by our E.coli expression system and the target gene encoding His129-Arg247 is expressed.

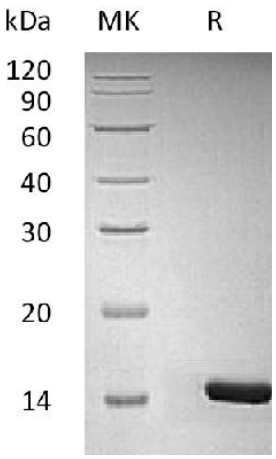
Specification

1. Source: E.coli.
2. Accession: P23560
3. Known As: Brain-Derived Neurotrophic Factor; BDNF; Abrineurin
4. Predicted Mol Mass: 13 KDa
5. Apparent Mol Mass: 14 KDa, reducing conditions
6. Endotoxin: < 0.01 EU/μg as determined by LAL test.
7. Formulation: Lyophilized from a 0.2μm filtered solution of 20mM PB, 400mM NaCl, pH 7.2.

Reconstitution

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

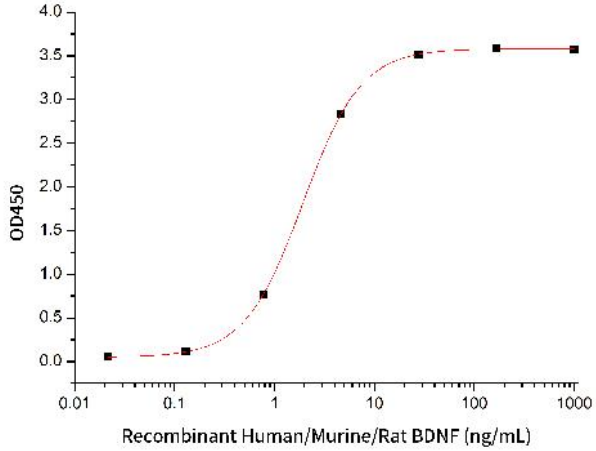
Purity-SDS-PAGE



For Research Use Only

Greater than 95% as determined by reducing SDS-PAGE.

Bioactivity-ELISA



Immobilized Human TrkB (C-6His) at 5μg/mL (100μL/well) can bind Human/Murine/Rat BDNF: Biotinylated by NHS-biotin prior to testing. The EC50 of Human/Murine/Rat BDNF is ≤20ng/mL.(QC Verified)