

## Recombinant Mouse Bdnf, None tagged

**Cat. No.** Bdnf-7392M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Bdnf (P21237) mature form (Met1-Arg249), fused with no tag, was produced in CHO Stable Cells.                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                |
| <b>Source</b>           | CHO                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-249 a.a.                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized from a 0.2µm filtered solution of PBS                                                                                                                                    |
| <b>Molecular Mass</b>   | The recombinant mouse BDNF consists of 249 amino acids and predicts a molecular mass of 28.1 KDa. It migrates as an approximately 13 KDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                      |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                            |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                            |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.                     |

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## GENE INFORMATION

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| Gene Name       | Bdnf brain derived neurotrophic factor [ Mus musculus ] |
| Official Symbol | Bdnf                                                    |
| Gene ID         | 12064                                                   |
| mRNA Refseq     | NM_001048139                                            |
| Protein Refseq  | NP_001041604                                            |

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