

## Mouse GDNF Protein, His tag (Animal-Free)

Cat #: PRP1107

Size: 5 µg/20 µg/100 µg/1 mg

### Product Information

|                                                                                   |                                                                 |            |                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|------------|-------------------------------------------|
|                                                                                   | <b>Product Name:</b> Mouse GDNF Protein, His tag (Animal-Free)  |            |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> PRP1107                                  | <b>LOT</b> | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Purity:</b> > 98 % as determined by SDS-PAGE                 |            |                                           |
|  | <b>Storage:</b> Store at -20°C                                  |            | <b>Preparation method:</b> E.coli         |
|                                                                                   | <b>Shipping:</b> The product is shipped at ambient temperature. |            |                                           |

**Background:** Glial cell-derived neurotrophic factor (GDNF) is a protein that, in humans, is encoded by the GDNF gene. GDNF is a small protein that potently promotes the survival of many types of neurons. GDNF, that acts via classical neurotrophic mechanism, has been effective in several pre-clinical models of PD and had some efficacy in parkinsonian patients.

**Sequence:** Amino acid sequence derived from Mouse GDNF (Ser78-Ile211) (P48540) was expressed with 6×His tag at the C-terminus.

**Protein length:** The recombinant Mouse GDNF consists of 134 amino acids and predicts a molecular mass of 15.91 kDa.

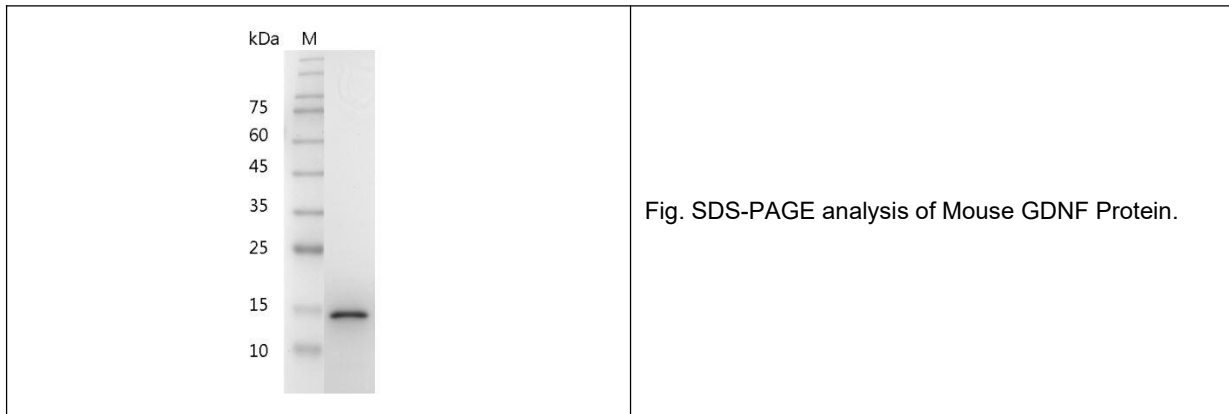
**Biological Activity:** Testing in process.

**Endotoxin:** <0.1 EU per 1 µg of the protein by the LAL method.

**Formulation:** Lyophilized from PBS, pH 7.4.

**Storage Instructions:** Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA , 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

**Usage notes:** Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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