

## GMP Recombinant Human GDNF protein

Cat. No. GDNF-02HG    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | GMP Recombinant Human GDNF protein(P39905)(Ser78-Ile211) was expressed in E. coli in an animal component free process under cGMP guidelines.                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Ser78-Ile211                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Tag</b>              | Non                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Endotoxin</b>        | < 10 EU/mg                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | ≥ 95%                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Check the storage conditions and product validity before use. Redissolved with water for injection, protein concentration > 100 µg/ml. Products redissolve and repack, strictly control sterility, no pyrogen. The product can be frozen at -70°C after remelting and packaging, and should avoid protein denaturation and other possible contamination risks caused by repeated freezing and thawing. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                                                                                                          |
| <b>GenelD</b>           | 2668                                                                                                                                                                                                                                                                                                                                                                                                   |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | GDNF glial cell derived neurotrophic factor [ Homo sapiens ]                                                                                                                                                                                                                                 |
| Official Symbol | GDNF                                                                                                                                                                                                                                                                                         |
| Synonyms        | GDNF; glial cell derived neurotrophic factor; glial cell line-derived neurotrophic factor; astrocyte derived trophic factor; ATF1; ATF2; glial cell line derived neurotrophic factor; glial derived neurotrophic factor; HFB1 GDNF; ATF; astrocyte-derived trophic factor; HSCR3; HFB1-GDNF; |
| mRNA Refseq     | NM_000514                                                                                                                                                                                                                                                                                    |
| Protein Refseq  | NP_000505                                                                                                                                                                                                                                                                                    |
| MIM             | 600837                                                                                                                                                                                                                                                                                       |
| UniProt ID      | P39905                                                                                                                                                                                                                                                                                       |

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