

## Recombinant Human CDFN

Cat.No.:MGC153 size:5µg/50µg/1mg

### Characteristics:

|                          |                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------|
| Source                   | <i>E.coli</i>                                                                                   |
| Species                  | Human                                                                                           |
| Tag                      | Tag free                                                                                        |
| Description              | Human CDFN (Gln25-Leu187)                                                                       |
| Accession#               | Q49AH0                                                                                          |
| Predicted molecular mass | ~18.5 kDa. It is composed of one non-glycosylated polypeptide chain containing 163 amino acids. |

### Specification:

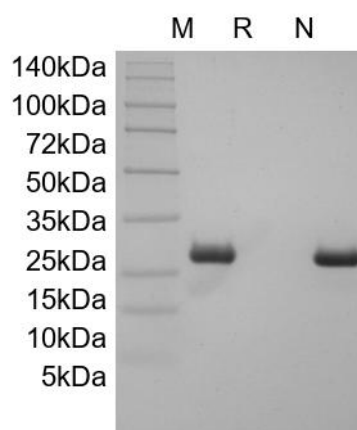
|             |                                                                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance  | White powder, Colorless clear liquid after reconstitution                                                                                               |
| Purity      | ≥95%,by SDS-PAGE(under reducing(R)&Non-reducing conditions, visualized by Coomassie staining)                                                           |
| Endotoxin   | < 0.1 EU/µg                                                                                                                                             |
| Activity    | It is able to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons when immobilized at 5-30 µg/mL on a nitrocellulose-coated microplate. |
| Formulation | 0.2 µm-filtered solution containing 20 mM PB, with 150 mM NaCl, pH 7.4.                                                                                 |

### Handling and Storage:

|                     |                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reconstitution      | It is recommended to redissolve in sterile deionized water.<br>细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240（1mL无菌水+10mL稀释液）                                                                                                                                                                      |
| Shipping            | Wet ice (seasonal)                                                                                                                                                                                                                                                                  |
| Storage & Stability | 36 months at -20°C to -80°C in lyophilized state<br>6 months at -20°C to -80°C under sterile conditions after reconstitution<br>7-10 days at 2°C to 8°C under sterile conditions after reconstitution<br><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> |

**Data:**

**SDS-PAGE**



Recombinant Human CDNF (Cat. No. MGC153) SDS-PAGE under reducing (R) & Non-reducing conditions.

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