

RP01954

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Recombinant Human Mature GDNF Protein

Catalog No.: RP01954

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	2668	P39905-1

Tags

N-6His

Synonyms

GDNF; Glial cell line-derived neurotrophic factor; hGDNF; Astrocyte-derived trophic factor; ATF

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of

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 potentially 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.

Basic Information

Description

Recombinant Human Mature GDNF Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg109-Ile211) of Human Mature GDNF (Accession #NP_000505.1) fused with a His tag at the N-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Avoid repeated freeze/thaw cycles.

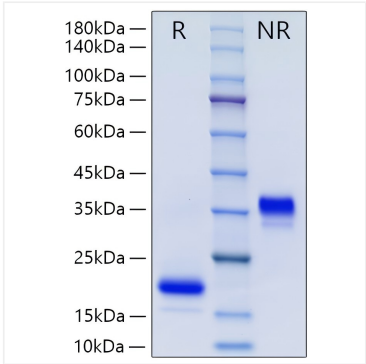
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Contact



www.abclonal.com

Validation Data



Recombinant Human Mature GDNF Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.