

Recombinant Human GDNF protein

Cat. No. GDNF-1510H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDNF protein(P39905-1)(Ser78-Ile211) was expressed in E.coli.
Species	Human
ProteinLength	Ser78-Ile211
Tag	N/A
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GDNF, No Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Human GFR alpha 1, His Tag with the EC50 of 5.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 15.06 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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;

Gene ID [2668](#)

mRNA Refseq [NM_000514](#)

Protein Refseq [NP_000505](#)

MIM [600837](#)

UniProt ID [P39905](#)

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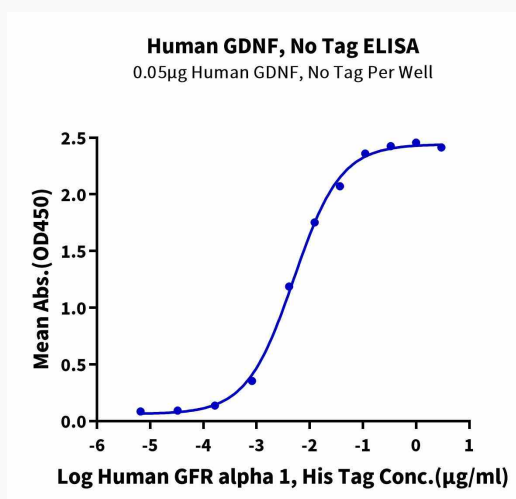
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Tris-Bis PAGE



ELISA



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