

## Recombinant Human GDNF protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GDNF protein(P39905-1)(Ser78-Ile211) was expressed in E.coli.
<b>Species</b>	Human
<b>ProteinLength</b>	Ser78-Ile211
<b>Tag</b>	N/A
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The protein has a predicted MW of 15.06 kDa same as Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
<b>Storage</b>	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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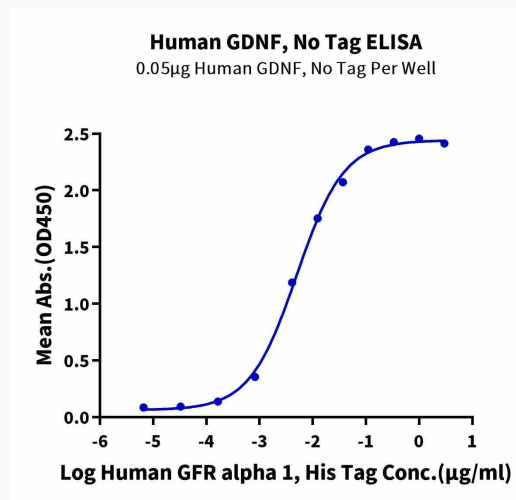
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**Tris-Bis PAGE**



**ELISA**



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