

Active Recombinant Human GDNF Protein

Cat. No. GDNF-26274TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human GDNF Protein(P39905-1)(Ser78-Ile211) is expressed from E.coli without tag.
Species	Human
Source	E.coli
ProteinLength	78-211 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human GDNF, No Tag at 1 µg/ml (100µl/well) on the plate. Dose response curve for Human GFR alpha 1, His Tag with the EC50 of 3.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 15.06 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution 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

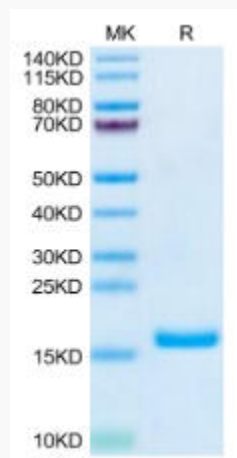
UniProt ID P39905

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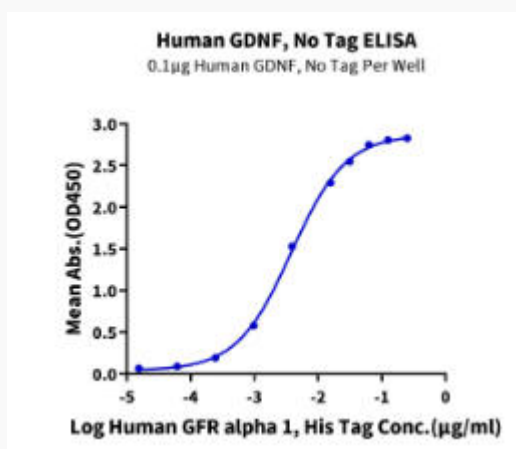
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Bis-Tris PAGE



ELISA Data



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