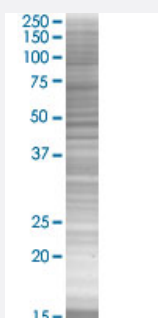


GDNF 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002668-T01

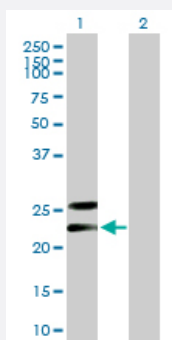
Size 100 uL

Applications



SDS-PAGE Gel

GDNF transfected lysate.



Western Blot

Lane 1: GDNF transfected lysate (11.11 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GDNF full-length
Host	Human
Theoretical MW (kDa)	23.7
Interspecies Antigen Sequence	Mouse (93); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GDNF antibody ([H00002668-B01](#)) by Western Blots.
 SDS-PAGE Gel
 GDNF transfected lysate.
 Western Blot
 Lane 1: GDNF transfected lysate (11.11 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GDNF

Entrez GeneID

[2668](#)

GeneBank Accession#

[NM_000514](#)

Protein Accession#

[NP_000505](#)

Gene Name

GDNF

Gene Alias

ATF1, ATF2, HFB1-GDNF

Gene Description

glial cell derived neurotrophic factor

Omim ID

[142623](#) [171300](#) [209880](#) [600837](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a highly conserved neurotrophic factor. The recombinant form of this protein was shown to promote the survival and differentiation of dopaminergic neurons in culture, and was able to prevent apoptosis of motor neurons induced by axotomy. The encoded protein is processed to a mature secreted form that exists as a homodimer. The mature form of the protein is a ligand for the product of the RET (rearranged during transfection) protooncogene. In addition to the transcript encoding GDNF, two additional alternative transcripts encoding distinct proteins, referred to as astrocyte-derived trophic factors, have also been described. Mutations in this gene may be associated with Hirschsprung disease. [provided by RefSeq]

Other Designations

astrocyte-derived trophic factor|glial cell line derived neurotrophic factor|glial derived neurotrophic factor

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Hydronephrosis](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Mental Disorders](#)
- [Narcolepsy](#)
- [Neoplasm Invasiveness](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Sleep Apnea](#)
- [Tourette Syndrome](#)
- [Vesico-Ureteral Reflux](#)