

Glial Cell Line Derived Neurotrophic Factor Active Protein | GDNF active protein

Active Glial Cell Line Derived Neurotrophic Factor (GDNF)

CATALOG #
AAA150051

APPLICATIONS
Activity Assay, Cell Culture

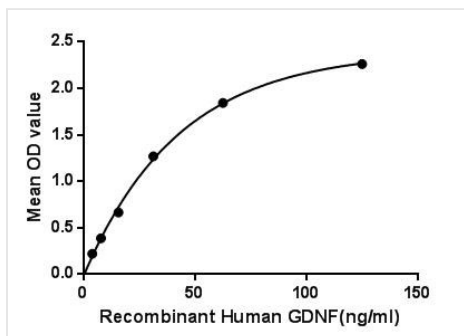
PRODUCT SYNONYMS

Glial Cell Line Derived Neurotrophic Factor; Active Glial Cell Line Derived Neurotrophic Factor (GDNF); ATF1; ATF2; HFB1-GDNF; Astrocyte-Derived Trophic Factor; Glial Derived Neurotrophic Factor; GDNF active protein

PRODUCT SPECIFICATIONS

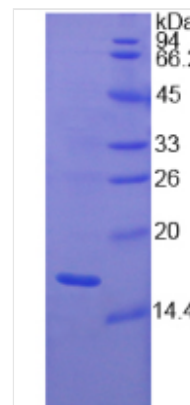
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Ser78-Ile211
Sequence Length	159
Applicable Applications for GDNF active protein	Activity Assay, Cell Culture
Species	Human
Tag	N-terminal His Tag
Isoelectric Point	9.4
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (PH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Bioactivity

Figure 1. The binding activity of GDNF with GFRa2.



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GDNF active protein	Cytokine; Apoptosis; Neuro science
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NCBI AND UNIPROT INFORMATION

NCBI GI #	493796159
NCBI GeneID	2668
NCBI Accession #	NP_001265027.1
NCBI GenBank Nucleotide #	NP_001265027.1
UniProt Accession #	P39905
Molecular Weight	Predicted Molecular Mass: 16.3kDa Accurate Molecular Mass: 16kDa
NCBI Official Full Name	glial cell line-derived neurotrophic factor isoform 5
NCBI Official Synonym Full Names	glial cell derived neurotrophic factor
NCBI Official Symbol	GDNF
NCBI Official Synonym Symbols	ATF; ATF1; ATF2; HSCR3; HFB1-GDNF
NCBI Protein Information	glial cell line-derived neurotrophic factor
UniProt Protein Name	Glial cell line-derived neurotrophic factor
UniProt Gene Name	GDNF
UniProt Synonym Gene Names	hGDNF; ATF
UniProt Entry Name	GDNF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gdnf-active-protein/glial-cell-line-derived-neurotrophic-factor/150051>