10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GDNF, human recombinant protein
Glial-Derived Neurotrophic Factor, ATF-1
Catalog # PBV10088r

Specification

GDNF, human recombinant protein - Product info

Primary Accession	P39905
Calculated MW	**30.1 kDa KDa**

GDNF, human recombinant protein - Additional Info

Gene ID	**2668**
Gene Symbol	**GDNF**

Other Names
Glial-Derived Neurotrophic Factor, ATF-1, Astrocyte-derived trophic factor

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC; ≥98%**
Recombinant	**Yes**
Results	**4-8 ng/ml.**

Target/Specificity
GDNF

Application Notes
Reconstitute in H_2O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°C for future use.

Format
Lyophilized protein

Storage
-20°C; Lyophilized from 10 mM Sodium Citrate + 150 mM NaCl, pH 4.0.

GDNF, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GDNF, human recombinant protein - Images

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GDNF, human recombinant protein - Background

Human GDNF (Glial-Derived Neurotrophic Factor) is a 30.1 kDa protein that specifically promotes dopamine uptake and survival of midbrain neurons. GDNF is a disslphide-linked homodimer, formed by two identical 134 amino acids subunits.

GDNF, human recombinant protein - References

Lin L.-F.H.,et al.Science 260:1130-1132(1993).
Schaar D.G.,et al.Exp. Neurol. 130:387-393(1994).
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Schmutz J.,et al.Nature 431:268-274(2004).