

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**

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 H₂O 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 Cytometry](#)
- [Cell Culture](#)

GDNF, human recombinant protein - Images

GNDF, 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 disulfide-linked homodimer, formed by two identical 134 amino acids subunits.

GNDF, 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).
Zhang B.,et al.Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Schmutz J.,et al.Nature 431:268-274(2004).