

GDNF Blocking Peptide
Catalog # PBV10483b**Specification**

GDNF Blocking Peptide - Product Information

Primary Accession	P48540
Other Accession	BAA08660
Gene ID	14573
Calculated MW	23662

GDNF Blocking Peptide - Additional Information**Gene ID** 14573**Application & Usage**

The peptide is used for blocking the antibody activity of active GDNF. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Glial cell line-derived neurotrophic factor, mGDNF, Astrocyte-derived trophic factor, ATF, Gdnf

Target/Specificity

GDNF

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

GDNF Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

GDNF Blocking Peptide - Protein Information**Name** Gdnf**Function**

Neurotrophic factor that enhances survival and morphological differentiation of dopaminergic neurons and increases their high- affinity dopamine uptake.

Cellular Location

Secreted {ECO:0000250|UniProtKB:P39905}.

Tissue Location

Expressed in both the central nervous system (CNS) and in non-CNS tissues. Expressed in a highly dynamic pattern in the anterior neuroectoderm during the early stages of neurogenesis between 7.5 dpc and 10.5 dpc. Beginning at 10.5 dpc, expression begins in mesenchymal tissues of several organs including the digestive tract, kidney, testis, frontonasal mass, tooth primordium, tongue, mandible, whisker follicles, ear, eye, limb bud and in distinct regions of the brain. Also expressed in the heart, ileum, liver and muscle

GDNF Blocking Peptide - 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 Blocking Peptide - Images