9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6366: GDNF Human, Sf9

Alternative Name : Glial cell line-derived neurotrophic factor, hGDNF, Astrocyte-derived trophic factor, ATF, ATF1, ATF2, HFB1-GDNF, HSCR3.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Glial cell-derived neurotrophic factor or GDNF is part of the GDNF group of ligands proteins. GDNF has a crucial part in numerous cell mechanisms such asÂ neurite outgrowth, cell differentiation, cell survival and migration of cells. GDNF enhances neurons survival via GFRa receptors (mainly GFRa1). The mentioned neurons can die as a result from Parkinson's disease or ALS (amyotrophic lateral sclerosis). This protein takes part in the development of the spermatogenesis & kidney, also, it has a role in alcohol metabolism as ameliorating.
GDNF Human Recombinant produced in Baculovirus is a single glycosylated polypeptide chain containing 113amino acids (109-211 aa) and having a molecular mass of 12.8kDa.GDNF is fused to an 10 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	GDNF protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPMRGQRGK NRGCVLTAIH LNVTDLGLGY ETKEELIFRY CSGSCDAAET TYDKILKNLS RNRRLVSDKV GQACCRPIAF DDDLSFLDDN LVYHILRKHS AKRCGCIHHH HHH

For Research Use Only. Not for use in diagnostic/therapeutics procedures.