

Human GDNF Recombinant Protein

Product Details

Size	100 µg
Species	Human
Expression system	E. coli
Amino acid sequence	SPDKQMAVLP RRERNRQAAA ANPENSRGKG RRGQRGKNRG CVLTAIHLNV TDLGLGYETK EELIFRYCSG SCDAEAETTYD KILKNLSRNR RLVSDKVGQA CCRPIAFDDD LSFLDDNLVY HILRKHSAKR CGCI
Molecular weight	30.1 kDa
Class	Recombinant
Type	Protein
Purity	>98% by SDS-PAGE
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 10 n/mL; determined by the dose-dependent neurite outgrowth of PC-12 cells in the presence of soluble GFR-alpha.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Contains	no preservative
Storage conditions	4° C

Applications

Tested Dilution

Publications

Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Carrier-Free

Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute lyophilized human GDNF in sterile, distilled water to 0.1-0.5 mg/mL. These stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilution should be made in medium or buffered solution containing carrier protein, such as PBS with 0.1% BSA. **Storage:** Lyophilized human GDNF should be stored at 2°C to 8°C, preferably desiccated. Store reconstituted human GDNF at -20°C (not in a frost-free freezer). Keep freeze-thaw cycles to a minimum.

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