

Product Datasheet

Recombinant Mouse GDNF Protein NBP2-61336-10ug

Unit Size: 10 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Recombinant Mouse GDNF Protein

Product Information	
Unit Size	10 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4, with 0.05 % Tween-20.
Target Molecular Weight	29.9 kDa

Product Description	
Description	A homodimeric protein consisting of two 134 amino acid non-glycosylated polypeptide chains corresponding to GDNF Source: <i>E. coli</i> Uniprot ID: <i>P48540</i> Amino Acid Sequence: <i>SPDKQAAALP RRERNRQAAA ASPENSRGKG RRGQRGKNRG CVLTAIHLNV TDLGLGYETK EELIFRYCSG SCESAETMYD KILKNLSRSR RLTSKVGQA CCRPVAFDDD LSFLDDNLVY HILRKHSAKR CGCI</i>
Gene ID	2668
Gene Symbol	GDNF
Species	Mouse
Details of Functionality	GDNF protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using rat C6 cells is less than 0.2 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁶ IU/mg.
Endotoxin Note	Less than 0.1 EU/ug of GDNF as determined by LAL method.

Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity

Publications

Nikesh Kunder, June Bryan de la Peña, Tzu-Fang Lou, Rebecca Chase, Parthana Suresh, Jennifer Lawson, Tarjani Shukla, Bryan Black, Zachary T Campbell The RNA-Binding Protein HuR Is Integral to the Function of Nociceptors in Mice and Humans. The Journal of neuroscience : the official journal of the Society for Neuroscience 2023-02-14 [PMID: 36270801]





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Products Related to NBP2-61336-10ug

NBP2-34888-10ug	Recombinant Human GDNF Protein
210-TA-005	TNF-alpha [Unconjugated]
212-GD-010	GDNF [Unconjugated]
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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