Datasheet for ABIN5449113

Human NGFB ORF Clone in Lentiviral Vector (Myc-DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	NGFB
Species:	Human
Fusion tag:	Myc-DYKDDDDK Tag
Insert:	ORF
Vector:	Lentiviral Vector
Application:	Protein Expression (PExp)

Product Details

Purpose:	Lentiviral Vector with ORF clone of Human nerve growth factor (beta polypeptide) (NGF) , C-term Myc-DDK-tagged
Brand:	LentiORF
Insert Length:	726 bp
Vector Backbone:	pLenti-C-Myc-DDK
Promoter:	CMV Promoter
Bacterial Resistance:	Chloramphenicol
Expression Type:	Transient
Specificity:	Restriction Site: SgfI-RsrII
Characteristics:	Myc-DDK tagged, C-terminal Broad cell spectrum: Lentivirus infect most cells, dividing & non-dividing, easy-to-transfect & hard-to-transfect cells. High transduction efficiency Convenience: Minimal need for optimization.

Product Details

	Safety: 3rd generation system with improved biosafety.
Components:	10 µg of lyophilized plasmid

Target Details

Gene:	NGFB
Alternative Name:	nerve growth factor (beta polypeptide) (NGF) (NGFB Products)
Background:	This gene is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. This protein has nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons. Mutations in this gene have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of this gene's expression is associated with allergic rhinitis.
NCBI Accession:	NM_002506, NP_002497

Application Details

Application Notes:	In hard-to-transfect cells: Detection and purification of over-expressed protein
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	4 °C/-20 °C

Publications

Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)