

Recombinant Mouse Vgf Protein, Myc/DDK-tagged

Cat. No. Vgf-6919M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse VGF nerve growth factor inducible (Vgf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Secreted polyprotein that is packaged and proteolytically processed by prohormone convertases PCSK1 and PCSK2 in a cell-type-specific manner. VGF and peptides derived from its processing play many roles in neurogenesis and neuroplasticity associated with learning, memory, depression and chronic pain.
Molecular Mass	68.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Vgf VGF nerve growth factor inducible [Mus musculus (house mouse)]
Official Symbol	Vgf
Synonyms	Vgf; VGF nerve growth factor inducible; Gm1052; neurosecretory protein VGF
Gene ID	381677
mRNA Refseq	NM_001039385
Protein Refseq	NP_001034474
UniProt ID	Q0VGU4

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