

## Recombinant Mouse Vgf Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse VGF nerve growth factor inducible (Vgf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	68.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Vgf VGF nerve growth factor inducible [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Vgf
<b>Synonyms</b>	Vgf; VGF nerve growth factor inducible; Gm1052; neurosecretory protein VGF
<b>Gene ID</b>	381677
<b>mRNA Refseq</b>	NM_001039385
<b>Protein Refseq</b>	NP_001034474
<b>UniProt ID</b>	Q0VQU4

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