

Product datasheet for **TP309477M**

VGF (NM_003378) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human VGF nerve growth factor inducible (VGF), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209477 representing NM_003378 Red =Cloning site Green =Tags(s)

MKALRLSASALFCLLLINGLGAAPPGRPEAQPPPLSSEHKPEVAGDAVPGPKDGSAPVIRGARNSEPQDE
GELFQGVDPRALAAVLLQALDRPASPPAPSGSQQGPEEEAAEALLTETVRSQTHSLPAPESPEPAAPPRP
QTPENGPEASDPSEEEALASLLQELRDFSPSSAKRQQETAAAETETRTHLTRVNLESPGPERVWRASW
GEFQARVPERAPLPPPAPSQFQARMPSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKAR
RPESALLGGSEAGERLLQQGLAQVEAGRRQAEATRQAAAQEERLADLASDLLLQYLLQGGARQRGLGGRG
LQEAEEERESAREEEAEQERRGGEERVGEEDEAAEAEAEAEAEERARQNALLFAEEEDGEAGAEDKRS
QEETPGHRRKEAEGTEEGGEEEDDEEMDPQTIDSLIELSTKLHLPADDVVSIIIEVEEKRRKKNAPPEP
VPPRAAPATHVRSPPPPAPAPARDELDPDNEVLPWDREEDVEYPPGPYHPFPNYIRPTLQPPSA
LRRRHHYHALPPSRHYPGREAQARRAQEEAEAEERRLQEELNIEHVLLRRP

SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

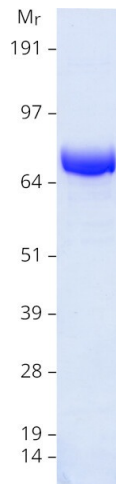
Tag:	C-Myc/DDK
Predicted MW:	65 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003369
Locus ID:	7425
UniProt ID:	O15240
RefSeq Size:	2545
Cytogenetics:	7q22.1
RefSeq ORF:	1845
Synonyms:	SCG7; SgVII
Summary:	This gene is specifically expressed in a subpopulation of neuroendocrine cells, and is upregulated by nerve growth factor. The structural organization of this gene is similar to that of the rat gene, and both the translated and the untranslated regions show a high degree of sequence similarity to the rat gene. The encoded secretory protein also shares similarities with the secretogranin/chromogranin family, however, its exact function is not known. [provided by RefSeq, Jul 2008]
Protein Families:	Secreted Protein

Product images:



Coomassie blue staining of purified VGF protein (Cat# [TP309477]). The protein was produced from HEK293T cells transfected with VGF cDNA clone (Cat# [RC209477]) using MegaTran 2.0 (Cat# [TT210002]).