

Product datasheet for TP519447

Vgf (NM_001039385) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse VGF nerve growth factor inducible (Vgf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219447 protein sequence Red=Cloning site Green=Tags(s)

MKTFTLPASVLCFLLLIQGLGAAPPGRPDVFPPLSSEHNGQVAEDAVSRPKDDGVPEVRAARNPEPQD
QGELFQGVDPRALASVLLQALDRPASPPSVPGGSQQGTPEEAAEALLTESVRSQTHSLPAPEIQAPAVAP
PRPQTQDRDPEEDDRSEELEALASLLQELRDFSPSNAKRQQETAAAETETRTHLTRVNLESPGPERVWR
ASWGEFQARVPERAPLPPVPSQFQARMSESAPLPETHQFGEGVSSPKTHLGETLTPLSKAYQSLGGPFP
KVRRLGSEFLGGSEAGERLLQQGLAQVEAGRRQAEATRQAAAQEERLADLASDLLLQYLLQGGARQDLG
GRELQETQQUERENEREEAEQERRGGEDDVGEEDDEAAEAEAEAEERARQNALLFAEEEDGEAGAED
KRSQEEAPGHRKDAEGAEEGGEDDDDEEMDPQTIDSLIELSTKLHLPADDVVSIIIEVEEKRRKKNNA
PPEVPPPPRAAPATHVRSPPPPAPARDELDPDNEVLPWDREDEVEFPPGPHYHPFNIRPTLQPP
ASSRRRHFFHALPPARHHPDLEAQRRAQEEADAERRLQEQEELENYIEHVLLHRP

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	68.2 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001034474](#)

Locus ID: 381677

UniProt ID: [Q0VGU4](#)

RefSeq Size: 2553

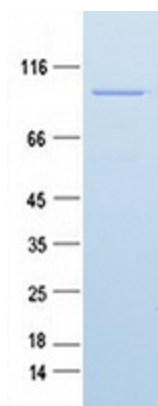
Cytogenetics: 5 76.13 cM

RefSeq ORF: 1854

Synonyms: Gm1052

Summary: Neurosecretory protein VGF: Secreted polyprotein that is packaged and proteolytically processed by prohormone convertases PCSK1 and PCSK2 in a cell-type-specific manner (By similarity). VGF and peptides derived from its processing play many roles in neurogenesis and neuroplasticity associated with learning, memory, depression and chronic pain (PubMed:19863797, PubMed:26180209, PubMed:30504797).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Vgf was analyzed by SDS-PAGE gel and Coomassie Blue Staining.