

Product datasheet for PH309477

VGF (NM_003378) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VGF MS Standard C13 and N15-labeled recombinant protein (NP_003369)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209477
Predicted MW:	67.26 kDa
Protein Sequence:	>RC209477 representing NM_003378 Red=Cloning site Green=Tags(s)

MKALRLSASALFCLLLINGLGAAPPGRPEAQPPPLSSEHKPEVAGDAVPGPKDGSAPVIRGARNSEPDQDE
GELFQGVDPRALAAVLLQALDRPASPPAPSGSQGPEEEAAEALLTETVRSQTHSLPAPESPEPAAPPRP
QTPENGPEASDPSEEEALASLLQELRDFSPSSAKRQQETAAAETETRTHLTRVNLESPGPERVWRASW
GEFQARVPERAPLPPAPSQFQARMPDSGPLPETHKFGEGVSSPKTHLGEALAPLSKAYQGAAPFPKAR
RPESALLGGSEAGERLLQQGLAQVEAGRRQAEATRQAAAQEERLADLASDLLLQYLLQGGARQRLGGRG
LQEAEEERESAREEEAEQERRGGEERVGEEDDEAAEAEAEAEAEERARQNALLFAEEEDGEAGAEDKRS
QEETPGHRRKEAEGTEEGGEEEDDEMDPQTIDSLIELSTKLHLPADDVVSIIIEVEEKRRKKNAPPEP
VPPRAAPATHVRSQPAPAPARDELDPWNEVLPWDREEDVYPPGYPHPFNYIRPRTLQPPSA
LRRRHYYHALPPSRHYPGREAQARRAQEEAAEERRLQEQELENYIEHVLLRRP

SGPTRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003369</u>
RefSeq Size:	2545
RefSeq ORF:	1845



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Synonyms: SCG7; SgVII

Locus ID: 7425

UniProt ID: [O15240](#)

Cytogenetics: 7q22.1

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]).