

## **Product datasheet for PH309477**

## OriGene Technologies, Inc.

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## 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)

LRRRHYHHALPPSRHYPGREAQARRAQEEAEAEERRLQEQEELENYIEHVLLRRP

**SGPTRTRRL**EQKLISEEDLAANDILDYKDDDDK**V** 

Tag: C-Myc/DDK

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration:  $>0.05 \mu g/\mu L$  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:** NP 003369

RefSeq Size: 2545 RefSeq ORF: 1845





Synonyms: SCG7; SgVII

 Locus ID:
 7425

 UniProt ID:
 015240

 Cytogenetics:
 7q22.1

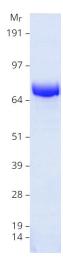
**Summary:** This gene is specifically expressed in a subpopulation of neuroendocrine cells, and is

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]).