

Recombinant Full Length Human VGF Protein, C-Flag-tagged

Cat. No. VGF-126HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human VGF Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	65 kDa
AA Sequence	MKALRLSASALFCLLLINGLGAAPPGRPEAQPPPLSSEHKEPVAGDAVPGPKDGSAP EVRGARNSEPQDE GELFQGVDPRALAAVLLQALDRPASPPAPSGSQQGPEEEAAE ALLTETVRSQTHSLPAPESPEPAAPPRP QTPENGPEASDPSEELEALASLLQELRDF SPSSAKRQQETAAAETETRTHLTRVNLESPGPERVWRASW GEFQARVPERAPLP PPAPSQFQARMPSGGLPETHKFGEGVSSPKTHLGEALAPLSKAYQGVAAPFPKAR RPESALLGGSEAGERLLQQGLAQVEAGRRQAEATRQAAAQEERLADLASDLLLQYL LQGGARQRGLGGRG LQEAEEERESAREEEEEAEQERRGGEERVGEEDDEAAEAEA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EAEEAERARQNALLFAEEEDGEAGAEDKRS QEETPGHRRKEAEGTEEGGEEEDD
 EEMDPQTIDSLIELSTKLHLPADDVVSIIIEVEEKRKRRKNAPPEP VPPPRAAPATH
 VRSPQPPPPAPAPARDELDPWNEVLPPWDREEDDEVYPPGPYHPFPNYIRPRTLQP
 PSA
 LRRRHYYHALPPSRHYPGREAQARRAQEEAEAEERRLQEQEELNYIEHVLLRRPS
 GPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

GENE INFORMATION

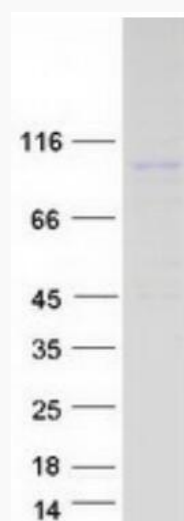
Gene Name	VGF VGF nerve growth factor inducible [Homo sapiens (human)]
Official Symbol	VGF
Synonyms	SCG7; SgVII

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	7425
mRNA Refseq	NM_003378.4
Protein Refseq	NP_003369.2
MIM	602186
UniProt ID	O15240



Coomassie blue staining of purified VGF protein.