

Recombinant Human VGF Protein, His-tagged

Cat. No. VGF-570H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VGF Protein (Asp330-Pro449) with N-His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Asp330-Pro449
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.9 kDa Accurate Molecular Mass: \
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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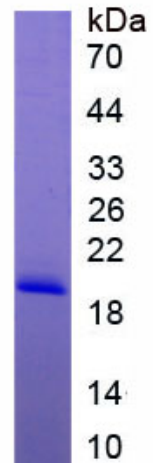
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	VGF VGF nerve growth factor inducible [Homo sapiens (human)]
Official Symbol	VGF
Synonyms	VGF; VGF nerve growth factor inducible; SCG7; SgVII
Gene ID	7425
mRNA Refseq	NM_003378
Protein Refseq	NP_003369
MIM	602186
UniProt ID	O15240

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