

VGF Nerve Growth Factor Inducible (VGF) Active Protein | VGF active protein

Active VGF Nerve Growth Factor Inducible (VGF)

CATALOG # AAA153076	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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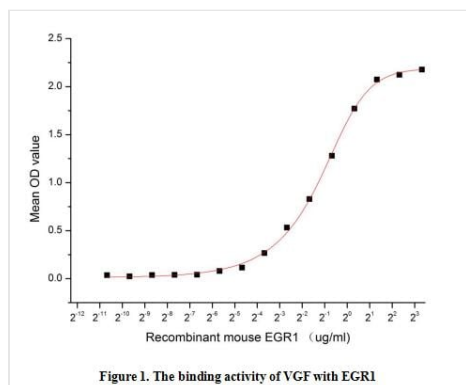
PRODUCT SYNONYMS

VGF Nerve Growth Factor Inducible (VGF); Active VGF Nerve Growth Factor Inducible (VGF); VGF Nerve Growth Factor Inducible; VGF active protein (prokaryotic); Mouse; NERP1; NERP2; Neuro-Endocrine Specific Protein VGF; Neuroendocrine Regulatory Peptide; VGF active protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Pro617
Applicable Applications for VGF active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4
Research Area	Metabolic pathway
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

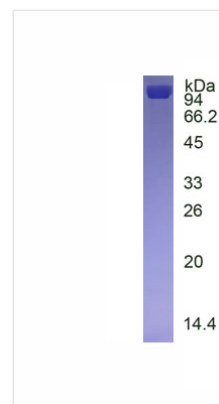


Bioactivity

Neurosecretory protein VGF is specifically expressed in a subpopulation of neuroendocrine cells, and is upregulated by nerve growth factor. The protein shares similarities with the secretogranin/chromogranin family, however, its exact function is not known.

SDS-PAGE

Figure. SDS-PAGE



ADDITIONAL INFORMATION

Product Categories/Family for VGF active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86476054
NCBI GeneID	381677
NCBI Accession #	NP_001034474.1
NCBI GenBank Nucleotide #	NM_001039385.1
UniProt Accession #	Q0VGU4
Molecular Weight	68,232 Da
NCBI Official Full Name	neurosecretory protein VGF
NCBI Official Synonym Full Names	VGF nerve growth factor inducible
NCBI Official Symbol	Vgf
NCBI Official Synonym Symbols	Gm1052
NCBI Protein Information	neurosecretory protein VGF
UniProt Protein Name	MCG18019
UniProt Gene Name	Vgf

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/vgf-nerve-growth-factor-inducible-vgf/153076>