

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

Active VGF Nerve Growth Factor Inducible (VGF)

CATALOG # AAA153074	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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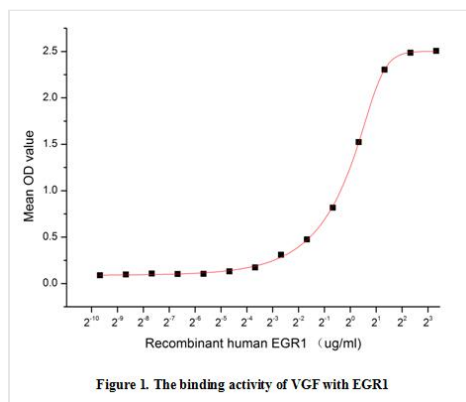
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

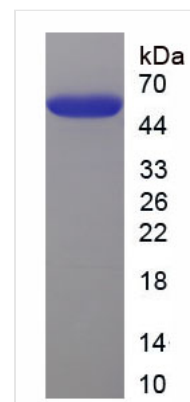
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Asp330~Pro449
Applicable Applications for VGF active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	3.8
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. Human VGF precursor is 615 amino acids (aa) in length. It contains an 22 aa signal sequence plus a 593 aa mature re



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 #	17136078
NCBI GeneID	7425
NCBI Accession #	NP_003369.2
NCBI GenBank Nucleotide #	NM_003378.3
UniProt Accession #	O15240; Q9UDW8
Molecular Weight	67,258 Da
NCBI Official Full Name	neurosecretory protein VGF
NCBI Official Synonym Full Names	VGF nerve growth factor inducible
NCBI Official Symbol	VGF
NCBI Protein Information	neurosecretory protein VGF; neuro-endocrine specific protein VGF
UniProt Protein Name	Neurosecretory protein VGF
UniProt Gene Name	VGF
UniProt Synonym Gene Names	NERP-1; NERP-2
UniProt Entry Name	VGF_HUMAN

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://stage.aaabiotech.com/e-coli-active-protein/vgf-nerve-growth-factor-inducible-vgf/153074>