Datasheet for ABIN1474126

VGF Protein (AA 24-617) (His tag)

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Overview

Quantity:	1 mg
Target:	VGF
Protein Characteristics:	AA 24-617
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VGF protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	APPGRSD VYPPPLGSEH NGQVAEDAVS RPKDDSVPEV RAARNSEPQD QGELFQGVDP RALAAVLLQA LDRPASPPAV PAGSQQGTPE EAAEALLTES VRSQTHSLPA SEIQASAVAP PRPQTQDNDP EADDRSEELE ALASLLQELR DFSPSNAKRQ QETAAAETET RTHTLTRVNL ESPGPERVWR ASWGEFQARV PERAPLPPSV PSQFQARMSE NVPLPETHQF GEGVSSPKTH LGETLTPLSK AYQSLSAPFP KVRRLEGSFL GGSEAGERLL QQGLAQVEAG RRQAEATRQA AAQEERLADL ASDLLLQYLL QGGARQRDLG GRGLQETQQE RENEREEEAE QERRGGGEDE VGEEDEEAAE AEAEAEEAER ARQNALLFAE EEDGEAGAED KRSQEEAPGH RRKDAEGTEE GGEEDDDDEE MDPQTIDSLI ELSTKLHLPA DDVVSIIEEV EEKRKRKKNA PPEPVPPPRA APAPTHVRSP QPPPPAPARD ELPDWNEVLP PWDREEDEVF PPGPYHPFPN YIRPRTLQPP ASSRRRHFHH ALPPARHHPD LEAQARRAQE EADAEERRLQ EQEELENYIE HVLLHRP
Specificity:	Rattus norvegicus (Rat)

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Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	VGF
Alternative Name:	Neurosecretory protein VGF (Vgf) (VGF Products)
Background:	Recommended name: Neurosecretory protein VGF. Alternative name(s): VGF8a protein Cleaved into the following 12 chains: 1. VGF(24-63) 2. VGF(180-194) 3. VGF(375-407) 4. Neuroendocrine regulatory peptide-1. Short name= 5. NERP-1 6. Neuroendocrine regulatory peptide-2. Short name= 7. NERP-2 8. TLQP-11 9. TLQP-21 10. TLQP-30 11. TLQP-62 12. HFHH-10 13. AQEE-30 14. LQEQ-19
UniProt:	P20156
Pathways:	Hormone Transport, Carbohydrate Homeostasis

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression

Application Details

	systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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