

Datasheet for ABIN7586516
VGF Protein (AA 24-617) (His tag)



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Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| 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

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|--------------|--|
| Sequence: | <p> APPGRSD VYPPPLGSEH NGQVAEDAVS RPKDDSVPEV RAARNSEPQD QGELFQGVDP RALAALLQA LDRPASPPAV PAGSQQGTPE EAAEALLTES VRSQTHSLPA SEIQASAVAP PRPQTQDNDP EADDRSEELE ALASLLQELR DFSPSNAKRQ QETAAAETET RHTLTRLVNL ESPGPERVWR ASWGEFQARV PERAPLPPSV PSQFQARMSE NVPLPETHQF GEGVSSPKTH LGETLTPLSK AYQSLSAPFP KVRRLGSGFL GGSEAGERLL QQGLAQVEAG RRQAEATRQA AAQEERLADL ASDLLLQYLL QGGARQDLG GRGLQETQQE RENEREEAE QERRGGGEDE VGEEDDEAAE AEAEAEAAER ARQNALLFAE EEDGEAGAED KRSQEEAPGH RRKDAEGTEE GGEEDDDDEE MDPQTIDSLI ELSTKLHLPD DDVVSIIIEV EEKRKRKNA PPEPVPPPRA APAPTHVRSP QPPPPAPARD ELPDWNEVLP PWDREEDEVF PPGPYHPFPN YIRPRTLQPP ASSRRRHFFH ALPPARHHPD LEAQARRAQE EADAEERLQ EQEELNYIE HVLLHRP </p> |
| Specificity: | Rattus norvegicus (Rat) |

Product Details

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian 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 modiflicated 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

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|------------------|---|
| 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. |