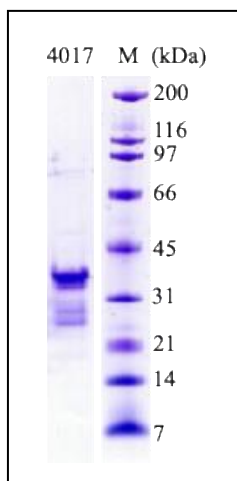


Recombinant GST-VP16 Protein

Catalog Number	Size
AG4017-10	10ug
AG4017-25	25ug
AG4017-B	Bulk

Description



The recombinant GST-VP16 was expressed in E coli and purified by the combination of glutathione Sepharose affinity column and other conventional chromatographic methods. The resulted protein contains 328 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 35kDa.

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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMC L DAFPKLVCFK KRIEAIPOID KYLKSSKYIA
WPLQGWAQTF GGGDHPPKSD LVPRGSPMGH MGSSPSLRSG SVGGAMSPST
TAPITDVSLG DELRLDGEEV DMTPADALDD FDLEMLGDVE SPSPGMTHDP
VSYGALDVDD FEFEQMFTDA MGIDDFGG
  
```

Accession Number

M60050

Molecular Mass

Approximately 80kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Herpesvirus VP16 is a transcriptional activator that has a modular domain structure. The N-terminal DNA-binding domain is involved in DNA-protein interactions, while it's C-terminal 79 amino acids have proven to be an especially potent transactivation domain. Recombinant GST-VP16 protein can be used for the studies of transcription assays, protein-protein interactions and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. **(Avoid repeated freeze-thaw cycle)**

FOR RESEARCH USE ONLY!!!