Stem 28 kDa glycoprotein (VSPA), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP18482*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

Species
Glycine max (Soybean) (Glycine hispida)

Full Product Name
Recombinant Glycine max Stem 28 kDa glycoprotein (VSPA)

Product Gene Name
VSPA recombinant protein

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence
ARTPEVKCAS WRLAVEAHNI FGFETIPEEC VEATKEYIHG EQYRSDSKTV NQQAYFYARD LEVHPKDTFV FSIDGTVLSN IPYYKKHGYG VEKFNSTLYD EWVNKGNAPA LPETLKNYNK LVSLGFKIIF LSGRTLDKQA VTEANLKKAG YHTWEKLILK DPQDPSTPNA VSYKTAAREK LIRQGYNIVG IIGDQWSDLL GGHRGESRTF KLPNPLYYIQ

Sequence Positions
35-254, Full length protein

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
29,065 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Stem 28 kDa glycoprotein

NCBI Accession
NP_001238459.1

NCBI GI
351727983

NCBI GenBank Nucleotide
NM_001251530.2

NCBI GeneID
547821

NCBI Official Full Name

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

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stem 28 kDa glycoprotein

NCBI Official Symbol
VSPA

NCBI Official Synonym Symbols
VSP25

NCBI Protein Information
stem 28 kDa glycoprotein

UniProt Gene Name
VSPA

UniProt Protein Name
Stem 28 kDa glycoprotein

UniProt Synonym Protein Names
Vegetative storage protein A

UniProt Primary Accession
P15490

UniProt Related Accession
P10742; P15490

UniProt Comments
May function as somatic storage protein during early seedling development.

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