

Spermidine synthase (LOC104227438), Recombinant Protein

Cat RP17163

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-
Nicotiana sylvestris (Wood tobacco) (South American tobacco)
Cell)

Full Product Name

Recombinant Nicotiana sylvestris Spermidine synthase

Product Gene Name

LOC104227438 recombinant protein

Purity

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

Sequence

MEAAHNHNNNG CTNESPYISS VLPWFSEIS PLWPGEAHS LKVEKILFQ GKSDYQNMVFQ SSTYGKVLVL
DGVQLTERD ECAYQEMIAH LPLCSIPNPK KVLVIGGGDG GVLREVS RHS SVEQIDICEI DKMVVEVSKQ
FFPDVAVGYE DPRVNLHIGD GVAFLKNVAA GTYDAVIVDS SDPIGPAQEL FEKPFESIA RALRPGGVVS
TQAESIWLHM HIIIEIVANC RQIFKGSVNY AWTTVPTYP SGMIGFMLCST EGPAVDFKNP INPIDDDASH
NKTLGPMKFY NSELHKASFC LPSFAKRVIE SKGK

Sequence Positions

1-314, 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

34,512 Da

Storage

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

Protein Family

Spermidine synthase

NCBI Accession

NP_001289514.1

NCBI GI

700584686

NCBI GenBank Nucleotide

NM_001302585.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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104227438 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg

(Mammalian Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-

Cell)

spermidine synthase

NCBI Official Full Name

LOC104227438

NCBI Protein Information

spermidine synthase

UniProt Gene Name

Aminopropyltransferase

UniProt Synonym Gene Names

Aminopropyltransferase

UniProt Protein Name

Spermidine synthase

UniProt Synonym Protein Names

Putrescine aminopropyltransferase; Aminopropyltransferase

UniProt Primary Accession

O48660

UniProt Related Accession

O48660

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