

Photosystem I reaction center subunit V, chloroplastic (PSAG), Recombinant Protein

Cat *RP19635*

Species

Spinacia oleracea (Spinach)

Full Product Name

Recombinant *Spinacia oleracea* Photosystem I reaction center subunit V, chloroplastic (PSAG)

Product Synonym Names

Recombinant Photosystem I reaction center subunit V, chloroplastic (PSAG); Photosystem I reaction center subunit V, chloroplastic; PSI-G Photosystem I 9 kDa protein

Product Gene Name

PSAG recombinant protein

Product Synonym Gene Name

PSAG

Purity

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

Sequence

ELSPSLVISL STGLSLFLGR FVFFNFQREN MAKQVPEQNG MSHFEAGDTR AKEYVSLKLS NDPVGFNIVD
VLAWGSIGHI VAYYILATAS NGYDPSFF

Sequence Positions

70-167

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

18,215 Da

Storage

Store at -20°C. For extended storage, store at -20 or -80°C.

Protein Family

Photosystem I reaction center

NCBI Accession

P12357.1

NCBI GI

131194

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Photosystem I reaction center subunit V, chloroplastic

UniProt Gene Name

PSAG

UniProt Protein Name

Photosystem I reaction center subunit V, chloroplastic

UniProt Synonym Protein Names

PSI-G; Photosystem I 9 kDa protein

UniProt Entry Name

PSAG_SPIOL

UniProt Primary Accession

P12357

UniProt Comments

Function: Not yet known.

Subcellular location: Plastid › chloroplast thylakoid membrane; Multi-pass membrane protein

Probable.

Sequence similarities: Belongs to the PsaG/PsaK family.

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