Photosystem I reaction center subunit VI-1 (PSAH1), Recombinant Protein

CD BioSciences
Plant Protein

Cat   *RP05360*

Size   *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name
Recombinant Arabidopsis thaliana Photosystem I reaction center subunit VI-1, chloroplastic (PSAH1)

Product Gene Name
PSAH1 recombinant protein

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

Sequence
KYGDKSVYFD LEDLGNTTGQ WDVYGSDAPS PYNPLQSKFF ETFAAPFTKR GLLLKFLILG GGSLLTYVSA TSTGEVLPIK RGPQEPPKLG PRGKL

Sequence Positions
51-145aa; full length protein

Format
Liquid containing glycerol

Host
Cell Free Expression

Molecular Weight
15,217 Da

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

Protein Family
Photosystem I reaction center

NCBI Accession
NP_188235.1

NCBI GI
15233291

NCBI GenBank Nucleotide
NM_112484.4

NCBI GeneID
820859

NCBI Official Full Name

Photosystem I reaction center subunit VI-1 (PSAH1), Recombinant Protein

Cat   *RP05360*

Size   *0.02 mg/ 0.1 mg/ 5x0.1 mg*

photosystem I subunit H-1

NCBI Official Symbol

PSAH-1

NCBI Official Synonym Symbols

photosystem I subunit H-1; PSAH-1; PSI-H

NCBI Protein Information

photosystem I subunit H-1

NCBI Summary

Encodes subunit H of photosystem I reaction center subunit VI.

UniProt Gene Name

PSAH1

UniProt Protein Name

Photosystem I reaction center subunit VI-1, chloroplastic

UniProt Synonym Protein Names

PSI-H1

UniProt Entry Name

PSAH1_ARATH

UniProt Primary Accession

Q9SUI7

UniProt Secondary Accession

Q42295

UniProt Related Accession

Q9SUI7

UniProt Comments

Possible role could be the docking of the LHC I antenna complex to the core complex.