

Photosystem I assembly protein Ycf4 (ycf4), Recombinant Protein

Cat *RP19399*

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

Species

Gossypium barbadense (Sea-island cotton) (Egyptian cotton)

Full Product Name

Recombinant *Gossypium barbadense* Photosystem I assembly protein Ycf4 (ycf4)

Product Gene Name

ycf4 recombinant protein

Purity

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

Sequence

MSWRSESIWI EFIVGSRKTS NFCWAFILFF GSLGFLLVGT SSYLGRNLIS LFPSQQIVFF PQGIVMSFYG
IAGLFISSYL WCTIFWNVGS GYDRFDRKEG IVCIFRWGFP GKNRRIFLRF LMKDIQSIRI EVKEGIYARR
VLYMEIRGGQ AVPLTRTDEN LTPREIEQKA AELAYFLRVP IEVF

Sequence Positions

1-184aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

21,466 Da

Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C.

Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Protein Family

Photosystem I assembly protein

NCBI Accession

YP_913198.1

NCBI GI

119368510

NCBI GenBank Nucleotide

NC_008641.1

NCBI GeneID

4575309

NCBI Official Full Name

PSI accumulation protein (chloroplast)

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP19399*

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

NCBI Official Symbol

ycf4

NCBI Protein Information

photosystem I assembly protein Ycf4

UniProt Gene Name

ycf4

UniProt Protein Name

Photosystem I assembly protein Ycf4

UniProt Entry Name

YCF4_GOSBA

UniProt Primary Accession

A0ZZ46

UniProt Related Accession

A0ZZ46

UniProt Comments

Seems to be required for the assembly of the photosystem I complex.

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