Protein THYLAKOID FORMATION1, chloroplastic (THF1), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP15535*

Size *0.5 mg (E-Coli)/ 0.05 mg (Baculovirus)/ 0.5 mg (Yeast)/ 0.05 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)*

Species
Solanum tuberosum (Potato)

Full Product Name
Recombinant Solanum tuberosum Protein THYLAKOID FORMATION1, chloroplastic (THF1), partial

Product Gene Name
THF1 recombinant protein

Product Synonym Gene Name
THF1

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

Sequence
TILEKLCAAL NVNKKSVDRD LDVYRNLLSK LVQAKELLKE YVEREKKKRG ERETQKANET VTKCLGDYQY AGR

Sequence Positions
221-293

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

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
33,361 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
Protein

NCBI Accession
NP_001275338.1

NCBI GI
568215244

NCBI GenBank Nucleotide
NM_001288409.1

NCBI GeneID

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102577610

NCBI Official Full Name
protein THYLAKOID FORMATION1, chloroplastic

NCBI Official Symbol
THF1

NCBI Protein Information
protein THYLAKOID FORMATION1, chloroplastic

UniProt Gene Name
THF1

UniProt Protein Name
Protein THYLAKOID FORMATION1, chloroplastic

UniProt Primary Accession
Q7XAB8

UniProt Related Accession
Q7XAB8

UniProt Comments
Involved in a dynamic process of vesicle-mediated thylakoid membrane biogenesis. Required for the normal organization of vesicles into mature thylakoid stacks and ultimately for leaf development .

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