Early light-induced protein, chloroplastic (ELIP), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP17934*

Species
Pisum sativum (Garden pea)

Full Product Name
Recombinant Pisum sativum Early light-induced protein, chloroplastic

Product Synonym Names
Recombinant Early light-induced protein, chloroplastic; Early light-induced protein, chloroplastic; ELIP

Product Gene Name
ELIP recombinant protein

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

Sequence
AEGEPKEQSK VAVDPTTPTA STPTPQPAYT RPPKMSTKFS DLMAFSGPAP ERINGRLAMI GFVAAMGVEI AKGQGLSEQL SGGGVAWFLG TSVLLSLASL IPFFQGVSVE SKSKSIMSSD AEFWNGRIAM LGLVALAFTE FVKGTSLV

Sequence Positions
49-196

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

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
20,860 Da

Storage
Store at -20℃. For extended storage, store at -20 or -80℃.

Protein Family
Early light-induced protein

NCBI Accession
P11432.1

NCBI GI
119290

NCBI Official Full Name
Early light-induced protein, chloroplastic

UniProt Gene Name

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UniProt Synonym Gene Names
ELIP

UniProt Protein Name
Early light-induced protein, chloroplastic

UniProt Entry Name
ELI_PEA

UniProt Primary Accession
P11432

UniProt Comments
Function: Probably involved in the integration of pigments into the mature pigment-protein complexes.

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

Potential. Note: Associated with both photosystems I and II.

Developmental stage: Appears transiently during greening of etiolated seedlings and disappears before chloroplast development is completed.

Induction: By light.

Sequence similarities: Belongs to the ELIP/psbS family.

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