

Protein TWIN LOV 1 (TLP1), Recombinant Protein

Cat *RP01797*

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Arabidopsis thaliana (Mouse-ear cress)
Cell)

Full Product Name

Recombinant Arabidopsis thaliana Protein TWIN LOV 1 (TLP1)

Product Gene Name

TLP1 recombinant protein

Purity

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

Sequence

MSLTKSSSESV FTEEEEDSF SGRYTLWIKE ALEELPHNFT ITDPFISGHP IVFASLGFLK MTGYSREEVI
GRNGKVFQGP KTNRRSIMEI REAIREERSV QVSLNRYKS GSPFWMLFHM CPVFGKDDGK VTNFVAVQVP
ISGREHHRKK LRNVGDLSSD TSPTFGSCR EVCFGNFVCQ DRALPVECDD DEQGLDWEQ CEASESEKLK
ATEAINNVLS ILVHYSELG RLVCCKRYCL RGVDCSSSL VISLGRIKQS FVLTPCLPD MPIIYASDAF
LTLTGKQRQE VLGQNCRFLS GVDTDSSVLY EMKECILKGQ SCTVQILNYS NRKDKSSFVN LLHISPVRNA
SGKTAYFVG VQVEASCRNTE IKELRPETRQ LSVVGAVRVA VRSSLMVTC

Sequence Positions

1-399, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

40,576 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

Protein Family

Protein TWIN LOV

NCBI Accession

NP_565288.1

NCBI GI

18395411

NCBI GenBank Nucleotide

NM_126326.5

NCBI GeneID

814800

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)
PAS/LOV protein B

NCBI Official Full Name

PLPB

NCBI Official Synonym Symbols

PAS/LOV PROTEIN; PAS/LOV PROTEIN A; PAS/LOV protein B; PAS/LOV PROTEIN C; PLP; PLPA; PLPC;
T20F6.15; T20F6_15

NCBI Protein Information

PAS/LOV protein B

NCBI Summary

Encodes a putative blue light receptor protein.

UniProt Gene Name

TLP1

UniProt Synonym Gene Names

FBX4; PLP

UniProt Protein Name

Protein TWIN LOV 1

UniProt Primary Accession

O64511

UniProt Secondary Accession

Q3EC83; Q8W419; Q93VM4

UniProt Related Accession

O64511

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