

# Protein LHCP TRANSLOCATION DEFECT (LTD), Recombinant Protein

Cat RP10818

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Oryza sativa subsp. indica (Rice)

## Full Product Name

Recombinant Oryza sativa subsp. indica Protein LHCP TRANSLOCATION DEFECT (LTD)

## Product Gene Name

LTD recombinant protein

## Purity

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

## Sequence

AAARLGWLRP SRLSAVVPAS ESGRVGPTCF FKFGNKDAEG AGIYGSQGRD DFDRDDVEQY FNYMGMLAVE  
GTYDKMEALL NQDIHPVDIL LMLAASEGDK PKLEELLRAG AKYDVKDVDG RTALDRAADD TREFILGFAA  
TLAA

## Sequence Positions

29-172, 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

18,500 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 LHCP TRANSLOCATION DEFECT

## NCBI Accession #

A2YLX7.1

## NCBI GI #

353558690

## NCBI Official Full Name

Protein LHCP TRANSLOCATION DEFECT

## UniProt Gene Name

LTD

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat *RP10818*

Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1*

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**UniProt Protein Name**  
*mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
Protein LHCP TRANSLOCATION DEFECT

## UniProt Primary Accession #

A2YLX7

## UniProt Comments

Involved in the import of light-harvesting complex proteins (LHCP) and subsequent routing of these proteins to the chloroplast signal recognition particle (SRP) pathway.

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