

Lon protease homolog 2, peroxisomal, Recombinant Protein

Cat *RP19672*

Species

Spinacia oleracea (Spinach)

Full Product Name

Recombinant *Spinacia oleracea* Lon protease homolog 2, peroxisomal, partial

Purity

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

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

98,272 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

Lon protease

NCBI Accession

O04979.2

NCBI GI

313104128

NCBI Official Full Name

Lon protease homolog 2, peroxisomal

UniProt Protein Name

Lon protease homolog 2, peroxisomal

UniProt Primary Accession

O04979

UniProt Comments

ATP-dependent serine protease that mediates the selective degradation of misfolded and unassembled polypeptides in the peroxisomal matrix. Necessary for type 2 peroxisome targeting signal (PTS2)-containing protein processing and facilitates peroxisome matrix protein import.

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