

Threonine--tRNA ligase, mitochondrial (THRRS), Recombinant Protein

Cat *RP05481*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Threonine--tRNA ligase, mitochondrial (THRRS) , partial

Product Gene Name

THRRS recombinant protein

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

77,337 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

Threonine--tRNA ligase

NCBI Accession

NP_198035.2

NCBI GI

30690426

NCBI GenBank Nucleotide

NM_122565.3

NCBI GenID

832741

NCBI Official Full Name

Threonyl-tRNA synthetase

NCBI Official Symbol

AT5G26830

NCBI Official Synonym Symbols

F2P16.7; F2P16_7

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP05481*

NCBI Protein Information

Threonyl-tRNA synthetase

NCBI Summary

Encodes a dual-targeted threonyl-tRNA synthetase found in both the chloroplast and mitochondrion.

UniProt Gene Name

THRRS

UniProt Synonym Gene Names

ThrRSCurated

UniProt Protein Name

Threonine--tRNA ligase, mitochondrial 1

UniProt Synonym Protein Names

AtSYT1

UniProt Primary Accession

O04630

UniProt Secondary Accession

O81907; Q84TG4; Q94AG0

UniProt Related Accession

O04630

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