

Formate--tetrahydrofolate ligase (THFS), Recombinant Protein

Cat *RP01832*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Formate--tetrahydrofolate ligase (THFS) , partial

Product Gene Name

THFS recombinant protein

Product Synonym Gene Name

THFS

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

67,802 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

Formate--tetrahydrofolate ligase

NCBI Accession

NP_564571.1

NCBI GI

18403095

NCBI GenBank Nucleotide

NM_103931.4

NCBI GeneID

841470

NCBI Official Full Name

10-formyltetrahydrofolate synthetase

NCBI Official Symbol

THFS

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Formate--tetrahydrofolate ligase (THFS), Recombinant Protein

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10-formyltetrahydrofolate synthetase; 10-FORMYLTETRAHYDROFOLATE SYNTHETASE; F11F12.17

NCBI Protein Information

10-formyltetrahydrofolate synthetase

NCBI Summary

10-formyltetrahydrofolate synthetase (THFS) mRNA, complete

UniProt Gene Name

THFS

UniProt Synonym Gene Names

FHS; FTHFS

UniProt Protein Name

Formate--tetrahydrofolate ligase

UniProt Synonym Protein Names

10-formyletrahydrofolate synthetase; FHS; FTHFS; Formyltetrahydrofolate synthetase

UniProt Primary Accession

Q9SPK5

UniProt Related Accession

Q9SPK5

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