

N6-L-threonylcarbamoyladenine synthase

Cat. No. EXWM-2182

Lot. No. (See product label)

Introduction

Description The enzyme is involved in the synthesis of N6-threonylcarbamoyladenosine37 in tRNAs, which is found in tRNAs with the anticodon NNU, i.e. tRNA^{Ala}, tRNA^{Thr}, tRNA^{Asn}, tRNA^{Lys}, tRNA^{Ser} and tRNA^{Arg}.

Synonyms t6A synthase; Kae1; ygjD (gene name); Qri7

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.3.1.234

Reaction L-threonylcarbamoyladenylate + adenine37 in tRNA = AMP + N6-L-threonylcarbamoyladenine37 in tRNA

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.