

## tRNAPhe (7-(3-amino-3-carboxypropyl)wyosine37-C2)-hydroxylase

Cat. No. EXWM-0661

Lot. No. (See product label)

### Introduction

**Description** Requires Fe<sup>2+</sup>. The enzyme is not active with wybutosine.

**Synonyms** TYW5; tRNA yW-synthesizing enzyme 5

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.11.42

**Reaction** 7-(3-amino-3-carboxypropyl)wyosine37 in tRNAPhe + 2-oxoglutarate + O<sub>2</sub> = 7-(2-hydroxy-3-amino-3-carboxypropyl)wyosine37 in tRNAPhe + succinate + CO<sub>2</sub>

**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.