

## bacteriochlorophyll a synthase

Cat. No. EXWM-2749

Lot. No. (See product label)

### Introduction

**Description** The enzyme catalyses the addition of a geranylgeranyl hydrophobic chain to bacteriochlorophyllide a via an ester bond with the 17-propionate residue. The side chain is later modified to a phytol chain, resulting in bacteriochlorophyll a.

**Synonyms** bchG (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.5.1.133

**Reaction** geranylgeranyl diphosphate + bacteriochlorophyllide a = geranylgeranyl-bacteriochlorophyllide a + diphosphate

**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.