

## coenzyme-B sulfoethylthiotransferase

Cat. No. EXWM-3427 Lot. No. (See product label)

Introduction	
Description Synonyms	This enzyme catalyses the final step in methanogenesis, the biological production of methane. This important anaerobic process is carried out only by methanogenic archaea. The enzyme can also function in reverse, for anaerobic oxidation of methane.The enzyme requires the hydroporphinoid nickel complex coenzyme F430. Highly specific for coenzyme B with a heptanoyl chain; ethyl CoM and difluoromethyl CoM are poor substrates. The sulfide sulfur can be replaced by selenium but not by oxygen. methyl-CoM reductase; methyl coenzyme M reductase
Product Information	
Form	Liquid or lyophilized powder
EC Number	EC 2.8.4.1
Reaction	methyl-CoM + CoB = CoM-S-S-CoB + methane
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.