Creative Enzymes®

sulfide dehydrogenase

Cat. No. EXWM-1645

Lot. No. (See product label)

Introduction

Description	A iron-sulfur flavoprotein. In the archaeon Pyrococcus furiosus the enzyme is involved in the oxidation of NADPH which is produced in peptide degradation. The enzyme also catalyses the reduction of sulfur with lower activity.
Synonyms	SuDH

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.8.1.19
Reaction	hydrogen sulfide + (sulfide)n + NADP+ = (sulfide)n+1 + NADPH + H+
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.