

## 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)<sub>n</sub> + NADP<sup>+</sup> = (sulfide)<sub>n+1</sub> + NADPH + H<sup>+</sup>

#### **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.