

Datasheet for ABIN2131898 **SOD2 Protein**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SOD2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS)

Product Details

Purity:	> 95 % pure
---------	-------------

Target Details

Target:	SOD2
Alternative Name:	SOD2 (SOD2 Products)
Molecular Weight:	24.4 kDa (219aa), confirmed by MALDI-TOF.
Pathways:	Sensory Perception of Sound , Transition Metal Ion Homeostasis , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Comment:	Biological activity: Specific activity is > 1,200 units/mg, in which one unit will inhibit the rate of reduction of cytochrome c by 50% in a coupled system, using xanthine and Xanthine oxidase at
----------	---

Application Details

pH 7.8 at 25 DEG C in a 1.5 mL reaction volume.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 20 % glycerol.

Storage: 4 °C/-20 °C/-80 °C