

Rat Superoxide Dismutase, Mitochondrial (SOD2) Protein (Active)

Catalogue No.: abx656557

Rat Superoxide Dismutase, Mitochondrial (SOD2) Protein (Active) is a Active Rat protein expressed in E.coli.

Target:	Superoxide Dismutase, Mitochondrial (SOD2)
Origin:	Rat
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 95%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P07895 (UniProt , ExPASy)
Gene Symbol:	SOD2
KEGG:	rno:24787
Molecular Weight:	Calculated MW: 23.5 kDa Observed MW (SDS-PAGE): 23 kDa
Sequence Fragment:	Lys25-Lys222
Tag:	N-terminal His Tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.
Activity:	Active
Concentration:	Prior to lyophilization: 200 µg/ml

Datasheet

Version: 1.0.0

Revision date: 02 Jul 2025



Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only