

# Human SOD2 recombinant protein



Catalog Number: 502415

## General Information

### Protein Construction

A DNA sequence encoding the mature form of human SOD2 (P04179-1) (Lys 25-Lys 222) was expressed and purified, with an initial Met.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human SOD2 consisting of 199 amino acids and has a calculated molecular mass

of 22.3 kDa. It migrates as an 25 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

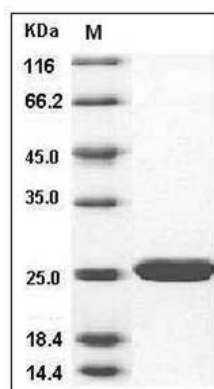
Store it under sterile conditions at -20°C to -80°C.

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human SOD2 / Mn-SOD Protein SDS-PAGE