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

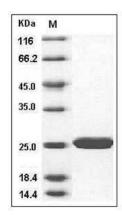
Storage

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