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## Product Datasheet

**Human Cu/Zn Superoxide Dismutase, His  
(rHuCu/Zn SOD, His ) (orb1495067)**

**Description**

Human Cu/Zn Superoxide

reaction between superoxide anions and hydrogen...

**Endotoxins**

Less than 1EU/mg of rHuSOD, His as determined by LAL method.

**Preservatives**

Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.

**Form/Appearance**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Storage**

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

**Note**

For research use only

**Application notes**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.

**Protein Sequence**

MGHHHHHHHH HHSSGHIEGR  
 HMTYARAAAR QARALEATKA  
 VCVLKGDPV QGIINFEQKE  
 SNGPVKVGWS IKGLTEGLHG  
 FHVHEFGDNT AGCTSAGPHF  
 NPLSRKHGGP KDEERHVGDL  
 GNVTADKDG V ADVSIEDSVI  
 SLSGDHCIIG RTLVVHEKAD  
 DLGKGGNEES TKTGNAGSRL  
 ACGVIGIAQ