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Product Datasheet

Recombinant Human Cu/Zn Superoxide Dismutase, His (rHuCu/Zn SOD, His) BWT-PR1013

Article Name	Recombinant Human Cu/Zn Superoxide Dismutase, His (rHuCu/Zn SOD, His)
Biozol Catalog Number	BWT-PR1013
Supplier Catalog Number	PR1013
Alternative Catalog Number	BWT-PR1013-20UG,BWT-PR1013-100UG,BWT-PR1013-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Human Cu/Zn Superoxide Dismutase (SOD) catalyzes the reaction between superoxide anions and hydrogen to yield molecular oxygen and hydrogen peroxide. The enzyme protects the cell against dangerous levels of superoxide....
Molecular Weight	Approximately 20.0 kDa. a homodimer, non-glycosylated polypeptide chain containing 189 amino acids with 10 x His at the N-terminal.
Source	Escherichia coli.
Purity	>95% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White Lyophilized (freeze-dried) powder.
Sequence	MGHHHHHHHH HHSSGHIEGR HMTYARAAAR QARALEATKA VCVLKGDGPV QGIINFEQKE SNGPVKVGWS IKGLTEGLHG FHVHEFGDNT AGCTSAGPHF NPLSRKHGGP KDEERHVGDL GNVTADKDGV ADVSIEDSVI SLSGDHCIIG RTLVVHEKAD DLGKGGNEES TKTGNAGSRL ACGVIGIAQ

Formula	Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.
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 <-20C. Further dilutions should be made in appropriate buffered solutions.