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## Product Datasheet

### **Superoxide Dismutase, Cu,Zn (Superoxide Dismutase Cu/Zn, SOD Cu,Zn, Cu/Zn SOD, Amyotrophic Lateral Sclerosis 1, ALS1, ALS, Homodimer, Indophenoloxidase A, IPOA, Superoxide Dismutase 1, Superoxide Dismutase 1 Soluble, SOD1, SOD-1, USB-S8060-01G**

Article Name	Superoxide Dismutase, Cu,Zn (Superoxide Dismutase Cu/Zn, SOD Cu,Zn, Cu/Zn SOD, Amyotrophic Lateral Sclerosis 1, ALS1, ALS, Homodimer, Indophenoloxidase A, IPOA, Superoxide Dismutase 1, Superoxide Dismutase 1 Soluble, SOD1, SOD-1,
Biozol Catalog Number	USB-S8060-01G
Supplier Catalog Number	S8060-01G
Alternative Catalog Number	USB-S8060-01G-100
Manufacturer	US Biological
Host	Rabbit
Category	Antikörper
Application	IHC, WB
Immunogen	A synthetic peptide (HEKADDLGKGGNEESTKTG) corresponding to the amino acids 121-139 of human superoxide dismutase (SOD1) conjugated to diphtheria toxin has been used as the immunogen. The peptide is homologous with the corresponding sequence derived from superoxide dismutase (SOD1) protein in orangutan, chimpanzee and fission yeast.
Product Description	Destroys radicals which are normally produced within the cells and which are toxic to biological systems. Catalytic activity: $2 \text{ superoxide} + 2 \text{ H}^+ = \text{O}_2 + \text{H}_2\text{O}_2$ . COFACTOR: Binds 1 copper ion per subunit. Cofactor: Binds 1 zinc ion per subunit. Subunit: ...

Purity	Serum
Form	Supplied as a lyophilized powder. Reconstitute in 100ul of sterile water. Centrifuge to remove any insoluble material.