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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**

Artikelname	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,
Artikelnummer	USB-S8060-01G
Hersteller Artikelnummer	S8060-01G
Alternativnummer	USB-S8060-01G-100
Hersteller	US Biological
Wirt	Rabbit
Kategorie	Antikörper
Applikation	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.
Produktbeschreibung	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: ...

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