Datasheet for ABIN5777061

SOD1 Protein (full length)

1 Publication

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Overview

Quantity:	100 µg
Target:	SOD1
Protein Characteristics:	full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA

Product Details

Characteristics:	Human WT-SOD1 cloned from human cDNA, expressed in E. coli, with a variety of ALS-related mutations. The proteins consist of the full-length human Cu/Zn SOD1S-S. The N-terminal end of the protein contains 3 additional amino acids (SFT). Quality control through mass spectrometry and NMR. Usage: SDS-PAGE, WB, ELISA, antibody production.

Target Details

Target:	SOD1
Alternative Name:	SOD1 Zn/Cu, Superoxide Dismutase (SOD1 Products)
Pathways:	Sensory Perception of Sound, Transition Metal Ion Homeostasis

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Application Details

Restrictions:	For Research Use only

Publications

Product cited in:	Luchinat, Barbieri, Rubino, Kozyreva, Cantini, Banci: "In-cell NMR reveals potential precursor of toxic species from SOD1 fALS mutants." in: **Nature communications**, Vol. 5, pp. 5502, (2014) (PubMed).

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