Datasheet for ABIN2830408

SOD1 Protein (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	SOD1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SOD1 protein is labelled with His tag.
Application:	Functional Studies (Func)

Product Details

Sequence:	MGHHHHHHHH HHSSGHIEGR HMTYARAAAR QARALEATKA VCVLKGDGPV QGIINFEQKE SNGPVKVWGS IKGLTEGLHG FHVHEFGDNT AGCTSAGPHF NPLSRKHGGP KDEERHVGDL GNVTADKDGV ADVSIEDSVI SLSGDHCIIG RTLVVHEKAD DLGKGGNEES TKTGNAGSRL ACGVIGIAQ
Characteristics:	Biological Activity: Fully biologically active when compared to standard. The potency per mg was determined by Pyrogallic Acid method and was found to be more than 1.0 x 104 IU/mg.
Purity:	>95 % as determined by SDS-PAGE and HPLC.
Sterility:	0.2 µm filtered

Target Details

Target:	SOD1

Target Details

Alternative Name:	SOD1 (SOD1 Products)
Background:	Relevance: Destroys radicals which are normally produced within the cells and which are toxic to biological systems. Synonyms: EC 1.15.1.1, hSod1
Molecular Weight:	39.9 kDa
UniProt:	P00441
Pathways:	Sensory Perception of Sound, Transition Metal Ion Homeostasis

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C