

SOD2 抗原（重组蛋白）

中文名称： SOD2 抗原（重组蛋白）

英文名称： SOD2 Antigen (Recombinant Protein)

别名： IPOB; MNSOD; MVCD6

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 25-222 amino acids of human SOD2

技术规格

Full name:	Superoxide dismutase 2, mitochondrial
Synonyms:	IPOB; MNSOD; MVCD6
Swissprot:	P04179
Gene Accession:	BC012423
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene is a member of the iron/manganese superoxide dismutase family. It encodes a mitochondrial protein that forms a homotetramer and binds one manganese ion per subunit. This protein binds to the superoxide byproducts of oxidative phosphorylation and converts them to hydrogen peroxide and diatomic oxygen. Mutations in this gene have been associated with idiopathic cardiomyopathy (IDC), premature aging, sporadic motor neuron disease, and cancer. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

