

## SOD1 抗原（重组蛋白）

中文名称： SOD1 抗原（重组蛋白）

英文名称： SOD1 Antigen (Recombinant Protein)

别名： ALS; SOD; ALS1; IPOA; hSod1; homodimer

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 2-159 amino acids of human SOD1

技术规格

<b>Full name:</b>	Superoxide dismutase 1, soluble
<b>Synonyms:</b>	ALS; SOD; ALS1; IPOA; hSod1; homodimer
<b>Swissprot:</b>	P00441
<b>Gene Accession:</b>	BC001034
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert naturally-occurring but harmful superoxide radicals to molecular oxygen and hydrogen peroxide. The other isozyme is a mitochondrial protein. Mutations in this gene have been implicated as causes of familial amyotrophic lateral sclerosis.

Rare transcript variants have been reported for this gen