

## DAOA 抗原（重组蛋白）

中文名称：DAOA 抗原（重组蛋白）

英文名称：DAOA Antigen (Recombinant Protein)

别名：D-amino acid oxidase activator; LG72; SG72

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1-153 amino acids of human DAOA

技术规格

<b>Full name:</b>	D-amino acid oxidase activator
<b>Synonyms:</b>	LG72; SG72
<b>Swissprot:</b>	P59103
<b>Gene Accession:</b>	BC121091
<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>	This gene encodes a protein that may function as an activator of D-amino acid oxidase, which degrades the gliotransmitter D-serine, a potent activator of N-methyl-D-aspartate (NMDA) type glutamate receptors. Studies also suggest that one encoded isoform may play a role in mitochondrial function and dendritic arborization. Polymorphisms in this gene have been implicated in susceptibility to schizophrenia and bipolar affective disorder. Alternatively spliced transcript variants encoding

different isoforms have been identified.