

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

Full name:	D-amino acid oxidase activator
Synonyms:	LG72; SG72
Swissprot:	P59103
Gene Accession:	BC121091
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 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.