

IVD 抗原（重组蛋白）

中文名称：IVD 抗原（重组蛋白）

英文名称：IVD Antigen (Recombinant Protein)

别名：isovaleryl-CoA dehydrogenase; ACAD2

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 224-423 amino acids of human IVD

技术规格

Full name:	isovaleryl-CoA dehydrogenase
Synonyms:	ACAD2
Swissprot:	P26440
Gene Accession:	BC017202
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Isovaleryl-CoA dehydrogenase (IVD) is a mitochondrial matrix enzyme that catalyzes the third step in leucine catabolism. The genetic deficiency of IVD results in an accumulation of isovaleric acid, which is toxic to the central nervous system and leads to isovaleric acidemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.