

DLD 抗原（重组蛋白）

中文名称： DLD 抗原（重组蛋白）

英文名称： DLD Antigen (Recombinant Protein)

别名： E3; LAD; DLDD; DLDH; GCSL; PHE3

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human DLD

技术规格：

Full name:	dihydrolipoamide dehydrogenase
Synonyms:	E3; LAD; DLDD; DLDH; GCSL; PHE3
Swissprot:	P09622
Gene Accession:	BC018696
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 member of the class-I pyridine nucleotide-disulfide oxidoreductase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. In homodimeric form, the encoded protein functions as a dehydrogenase and is found in several multi-enzyme complexes that regulate energy metabolism. However, as a monomer, this protein

can function as a protease. Mutations in this gene have been identified in patients with E3-deficient maple syrup urine disease and lipoamide dehydrogenase deficiency. Alternative splicing results in multiple transcript variants.