

FADS1 抗原（重组蛋白）

中文名称： FADS1 抗原（重组蛋白）

英文名称： FADS1 Antigen (Recombinant Protein)

别名： D5D; TU12; FADS6; FADSD5; LLCDL1

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to C terminal 118 amino acids of human FADS1

技术规格：

Full name:	fatty acid desaturase 1
Synonyms:	D5D; TU12; FADS6; FADSD5; LLCDL1
Swissprot:	O60427
Gene Accession:	BC007846
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a member of the fatty acid desaturase (FADS) gene family. Desaturase enzymes regulate unsaturation of fatty acids through the introduction of double bonds between defined carbons of the fatty acyl chain. FADS family members are considered fusion products composed of an N-terminal cytochrome b5-like domain and a C-terminal multiple membrane-spanning desaturase portion, both of which are characterized by conserved histidine motifs. This gene is clustered with family members FADS1 and FADS2 at 11q12-q13.1; this cluster is thought to have arisen evolutionarily.

y from gene duplication based on its similar exon/intron organization.