

## FADS3 抗原（重组蛋白）

中文名称：FADS3 抗原（重组蛋白）

英文名称： FADS3 Antigen (Recombinant Protein)

别名： fatty acid desaturase 3; CYB5RP; LLCDL3

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 285-445 amino acids of human FADS3

### 技术规格

<b>Full name:</b>	fatty acid desaturase 3
<b>Synonyms:</b>	CYB5RP; LLCDL3
<b>Swissprot:</b>	Q9Y5Q0
<b>Gene Accession:</b>	BC004901
<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>	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 from gene duplication based on its similar exon/intron organization.