

FMO5 抗原（重组蛋白）

中文名称： FMO5 抗原（重组蛋白）

英文名称： FMO5 Antigen (Recombinant Protein)

别名： flavin containing monooxygenase 5

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to N terminal 200 amino acids of human FMO5

技术规格

Full name:	flavin containing monooxygenase 5
Swissprot:	P49326
Gene Accession:	BC035687
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Metabolic N-oxidation of the diet-derived amino-trimethylamine (TMA) is mediated by flavin-containing monooxygenase and is subject to an inherited FMO3 polymorphism in man resulting in a small sub population with reduced TMA N-oxidation capacity resulting in fish odor syndrome Trimethylaminuria. Three forms of the enzyme, FMO 1 found in fetal liver, FMO2 found in adult liver, and FMO3 are encoded by genes clustered in the 1q23-q25 region.