

FH 抗原（重组蛋白）

中文名称： FH 抗原（重组蛋白）

英文名称： FH Antigen (Recombinant Protein)

别名： MCL; LRCC; HLRCC; MCUL1

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

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

技术规格：

Full name:	fumarate hydratase
Synonyms:	MCL; LRCC; HLRCC; MCUL1
Swissprot:	P07954
Gene Accession:	BC003108
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 an enzymatic component of the tricarboxylic acid (TCA) cycle, or Krebs cycle, and catalyzes the formation of L-malate from fumarate. It exists in both a cytosolic form and an N-terminal extended form, differing only in the translation start site used. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension generates the same form as in the cytoplasm. It is similar to some

thermostable class II fumarases and functions as a homotetramer. Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy.