

## 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：

<b>Full name:</b>	fumarate hydratase
<b>Synonyms:</b>	MCL; LRCC; HLRCC; MCUL1
<b>Swissprot:</b>	P07954
<b>Gene Accession:</b>	BC003108
<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 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.
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