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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FH (Human) Recombinant Protein (P01)

Catalog Number: H00002271-P01

Regulation Status: For research use only (RUO)

Product Description: Human FH full-length ORF (AAH03108, 33 a.a. - 510 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
VPSFWPPNAARMASQNSFRIEYDTFGELKVPNDKYYG
AQTVRSTMNFKIGGVTERMPTPVIKAFGILKRAAAEVN
QDYGLDPKIANAIMKAADEVAEGKLNDHFPLVVWQTG
SGTQTNMNVNEVISNRAIEMLGGELGSKIPVHPNDHV
NKSQSSNDTFPTAMHIAAAIEVHEVLLPGLQKLHDALD
AKSKEFAQIIKIGRTHTQDAVPLTLGQEFSGYVQQVKY
AMTRIKAAMPRIYELAAGGTAVGTGLNTRIGFAEKVAA
KVAALTGLPFVTAPNKFEALAAHDALVELSGAMNTTAC
SLMKIANDIRFLGSGPRSGLGELILPENEPGSSIMPGKV
NPTQCEAMTMVAAQVMGNHVAVTVGGSNGHFELNVF
KPMMIKNVLHSARLLGDASVSFTENCVVGIQANTERIN
KLMNESLMLVTALNPHIGYDKAAKIAKTAHKNGSTLKE
TAIELGYLTAEQFDEWVKPKDMLGPK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 78.32

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2271

Gene Symbol: FH

Gene Alias: HLRCC, LRCC, MCL, MCUL1

Gene Summary: 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. [provided by RefSeq]