

## Recombinant Human FH protein, GST-tagged

Cat. No. FH-408H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FH protein(NP_000134)(204-510 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	204-510 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	HEVLLPGLQKLHDALDAKSKEFAQIIKIGRTHHTQDAVPLTLGQEFSGYVQQVKYAMT RIKAAMPRIYELAAGGTAVGTGLNTRIGFAEKVAAKVAALTGLPFVTAPNKFEALAAH DALVELSGAMNTTACSLMKIANDIRFLGSGPRSGLGELILPENEPGSSIMPGKVNPTQ CEAMTMVAAQVMGNHVAVTVGGSNHGFELNVFKPMMIKNVLHSARLLGDASVSFT ENCVVGIQANTERINKLMNESLMLVTALNPHIGYDKAAKIAKTAHKNGSTLKETAIELG YLTAEQFDEWVKPKDMLGPK
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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**Concentration** The purified protein was Lyophilized from sterile PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

**Reconstitution** Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** FH fumarate hydratase [ Homo sapiens ]

**Official Symbol** FH

**Synonyms** FH; fumarate hydratase; fumarate hydratase, mitochondrial; fumarase; MCL; LRCC; HLRCC; MCUL1;

**Gene ID** 2271

**mRNA Refseq** NM\_000143

**Protein Refseq** NP\_000134

**MIM** 136850

**UniProt ID** P07954

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