

Recombinant Human FH protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human FH protein(NP_000134)(204-510 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	204-510 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	HEVLLPGLQKLHDALDAKSKEFAQIIKIGRTHQTQDAVPLTLGQEFSGYVQQVKYAMT RIKAAMPRIYELAAGGTAVGTGLNTRIGFAEKVAAKVAALTGLPFVTAPNKFEALAAH DALVELSGAMNTTACSLMKIANDIRFLGSGPRSGLGELILPENEPGSSIMPGKVNPTQ CEAMTMVAAQVMGNHVAVTVGGSNGHFELNVFKPMMIKNVLHSARLLGDASVSFT ENCVVGIQANTERINKLMNESLMLVTALNPHIGYDKAAKIAKTAHKNGSTLKETAIELG YLTAEQFDEWVKPKDMLGPK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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 Na₂HPO₄, 17mM NaH₂PO₄, 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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