

Recombinant Mouse Fh1 Protein, Myc/DDK-tagged

Cat. No. Fh1-3009M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fumarate hydratase 1 (Fh1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the reversible stereospecific interconversion of fumarate to L-malate. Experiments in different species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable).
Molecular Mass	54.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Fh1 fumarate hydratase 1 [Mus musculus (house mouse)]
Official Symbol	Fh1
Synonyms	Fh1; fumarate hydratase 1; Fh; Fh-1; fuma; fumarate hydratase, mitochondrial; EF-3; fumarase; EC 4.2.1.2
Gene ID	14194
mRNA Refseq	NM_010209
Protein Refseq	NP_034339
UniProt ID	P97807

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