Recombinant Mouse Fh1 protein, His & T7-tagged

Cat. No. Fh1-1983M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fh1 aa. (Ala42~Asn185 (Accession# P97807)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ala42~Asn185
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

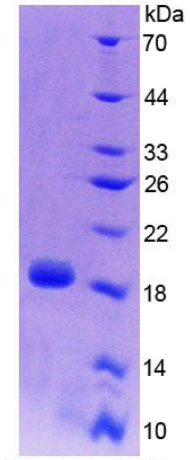
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	Fh1 fumarate hydratase 1 [Mus musculus (house mouse)]
Official Symbol	Fh1
Synonyms	MAP2K7; mitogen-activated protein kinase kinase 7; MEK; MKK7; JNKK2; MEK 7; MAPKK7; PRKMK7; SAPKK4; SAPKK-4; dual specificity mitogen-activated protein kinase kinase 7; JNK-activating kinase 2; MAP kinase kinase 7; MAPK/ERK kinase 7; SAPK kinase 4; c-Jun N-terminal kinase kinase 2; stress-activated protein kinase kinase 4
Gene ID	14194
mRNA Refseq	NM_010209.2
Protein Refseq	NP_034339.2
UniProt ID	P97807

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SDS-PAGE

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