

## Recombinant Mouse Mfi2 Protein, His-tagged

Cat. No. Mfi2-1776M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mfi2 Protein (Leu355-Ser706) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu355-Ser706
<b>Description</b>	<p>Predicted to enable iron ion binding activity. Predicted to be involved in several processes, including negative regulation of substrate adhesion-dependent cell spreading; positive regulation of extracellular matrix disassembly; and positive regulation of plasminogen activation. Predicted to act upstream of or within ion transport and iron ion homeostasis. Predicted to be located in cell surface. Predicted to be anchored component of plasma membrane. Predicted to be active in endosome; extracellular space; and plasma membrane. Is expressed in several structures, including genitourinary system; gut; hemolymphoid system gland; integumental system; and sensory organ. Orthologous to human MELTF (melanotransferrin).</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 43 kDa Accurate Molecular Mass: 43 kDa

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<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	Mfi2 antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Mfi2
<b>Synonyms</b>	MF12; antigen p97 (melanoma associated) identified; melanotransferrin; membrane-bound transferrin-like protein p97; MTf; CD228;
<b>Gene ID</b>	30060
<b>mRNA Refseq</b>	NM_013900
<b>Protein Refseq</b>	NP_038928

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UniProt ID

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