

Recombinant Mouse Mfi2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Mfi2 Protein (Leu355-Ser706) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu355-Ser706
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43 kDa Accurate Molecular Mass: 43 kDa

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Mfi2 antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 [Mus musculus (house mouse)]
Official Symbol	Mfi2
Synonyms	MFI2; antigen p97 (melanoma associated) identified; melanotransferrin; membrane-bound transferrin-like protein p97; MTf; CD228;
Gene ID	30060
mRNA Refseq	NM_013900
Protein Refseq	NP_038928

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UniProt ID

Q9R0R1

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