

Recombinant Mouse MFI2 Protein, His-tagged

Cat. No. MFI2-946M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse MFI2 (Q9R0R1?) (Met 1-Gln 708), without the propeptide, was fused with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-708 a.a.
Predicted N Terminal	Val 20
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse MFI2 comprises 700 amino acids and has a calculated molecular mass of 77.5 kDa. The apparent molecular mass of rmMFI2 is approximately 80 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

Mfi2 antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5 [*Mus musculus*]

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

MIM
UniProt ID
Function

ferric iron binding; metal ion binding;

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