

Recombinant Mouse MFI2 Protein, Fc-tagged

Cat. No. MFI2-945M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse MFI2 (Q9R0R1) (Met 1-Gln 708), without the propeptide, was fused with the Fc region of human IgG1 at the C-terminus.
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/Fc is a disulfide-linked homodimer. The reduced monomer comprises 930 amino acids and has a calculated molecular mass of 103 kDa. The apparent molecular mass of rmMFI2/Fc monomer is approximately 100 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>92 % 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

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

MF12

Synonyms

MF12; 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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