



# Recombinant Mouse Melanotransferrin (Mfi2)

<b>Product Code</b>	CSB-EP882604MO-B
<b>Abbreviation</b>	Mfi2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9R0R1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	V MEVQWCTISD AEQQKCKDMS EAFQGAGIRP SLLCVQGNSA DHCVQLIKEQ KADAITLDGG AIYEAGKEHG LKPVVGEVYD QDIGTSYYAV AVVRRNSNVT INTLKGVKSC HTGINRTVGW NVPVGYLVES GHLSVMGCDV LKAAGDYFGG SCVPGTGETS HSESLCRLCR GDSSGHNVC DKSPLERYDY SGAFRCLAEG AGDVA FVKHS TVLENTDGNT LPSWGKSLMS EDFQLLCDRG SRADITEWRR CHLAKVPAHA VVVRGDM DGG LIFQLLNEGQ LLFSHEDSSF QMFSSKAYSQ KNLLFKDSTL ELVPIATQNY EAWLGQEYLQ AMKGLLCDPN RLPHYL RWCV LSAPEIQKCG DMAVA FSRQN LKPEIQCVSA ESPEHCMEQI QAGHTDAVTL RGEDIYRAGK VYGLVPAAGE LYAEEDRSNS YFVAVARRD SSYSFTLDEL RGKRSCHPYL GSPAGWEVPI GSLIQRGFIR PKDCDVLTA V SQFFNASCVP VNNPKNYPSA LCALCVGDEK GRNKCVGSSQ ERYYGYS GAF RCLVEHAGDV AFVKHTTVFE NTNGHNPEPW ASHLRWQDYE LLCPNGARAE VDQFQACNLA QMPSHAVMVR PDTNIFTVYG LLDKAQDLFG DDHNKNGFQM FDSSKYHSQD LLFKDATVRA VPVREKTTYL DWLGPDYVVA LEGMLSQQC
<b>Source</b>	E.coli
<b>Target Names</b>	Meltf
<b>Protein Names</b>	Recommended name: Melanotransferrin Alternative name(s): Membrane-bound transferrin-like protein p97 Short name= MTf CD_antigen= CD228
<b>Expression Region</b>	20-709
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is a cell-surface glycoprotein found on melanoma cells. The protein shares sequence similarity and iron-binding properties with members of the transferrin superfamily. The importance of the iron binding function has not yet been identified. This gene resides in the same region of chromosome 3 as members of the transferrin superfamily. Alternative splicing results in two transcript variants.



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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