



Recombinant Human Melanotransferrin (MFI2)

Product Code	CSB-EP013754HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P08582
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GMEVRWCATSDPEQHKCGNMSEAFREAGIQPSLLCVRGTSADHCVQLIAAQE ADAITLDGGAIYEAGKEHGLKPVVGEVYDQEVGTSYYAVAVVRRSSSHVTIDTLK GVKSCHTGINRTVGNVPGYLVESGRLSVMGCDVLKAVSDYFGGSCVPGA GETSYSESLCRLCRGDSSGEGVCDKSPLERYDYSGAFRCLAEGAGDVAFVK HSTVLENTDESPSRRQWTWRSEEEEGECPAHEEARRTMRSSAGQAWKWAP VHRPQDESDKGEFGKRAKSRDMLG
Source	E.coli
Target Names	MELTF
Protein Names	Recommended name: Melanotransferrin Alternative name(s): Melanoma-associated antigen p97 CD_antigen= CD228
Expression Region	20-302
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Target Details	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.
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.
Shelf Life	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.